



## OFFICIAL NOTICE AND AGENDA

of a meeting of a City Board, Commission, Department, Committee, Agency, Corporation, Quasi-Municipal Corporation, or sub-unit thereof.

Meeting of the: **FINANCE COMMITTEE**  
Date/Time: **February 25, 2025, at 6:15 PM**  
Location: **City Hall (407 Grant Street) - Council Chambers**  
Members: Michael Martens (C), Gary Gisselman (VC), Becky McElhaney, Chad Henke, Vicki Tierney

### FINANCE COMMITTEE AGENDA ITEMS

- 1 Minutes of the previous meeting (02/11/2025).
- 2 Discussion and possible action on a sole source purchase request for white and yellow traffic marking paint for the Department of Public Works.

Adjourn

Michael Martens, Chairperson

**NOTICE: It is possible that a quorum of members of other committees of the Common Council of the City of Wausau may be in attendance at the above-mentioned meeting. No action will be taken by any such groups.**

Members of the public who do not wish to appear in person may view the meeting live over the internet, live by cable TV, Channel 981, and a video is available in its entirety and can be accessed at <https://tinyurl.com/WausauCityCouncil>. Any person wishing to offer public comment who does not appear in person to do so, may e-mail [kody.hart2@ci.wausau.wi.us](mailto:kody.hart2@ci.wausau.wi.us) with "Finance Committee Public Comment" in the subject line prior to the meeting start. All public comment, either by email or in person, will be limited to items on the agenda at this time. The messages related to agenda items received prior to the start of the meeting will be provided to the Chair.

**This Notice was posted at City Hall and transmitted to the Daily Herald newsroom 02/20/2025 at 4:30 PM.**

*In accordance with the requirements of Title II of the Americans with Disabilities Act of 1990 (ADA), the City of Wausau will not discriminate against qualified individuals with disabilities on the basis of disability in its services, programs or activities. If you need assistance or reasonable accommodations in participating in this meeting or event due to a disability as defined under the ADA, please call the ADA Coordinator at (715) 261-6590 or [ADAServices@ci.wausau.wi.us](mailto:ADAServices@ci.wausau.wi.us) to discuss your accessibility needs. We ask your request be provided a minimum of 72 hours before the scheduled event or meeting. If a request is made less than 72 hours before the event the City of Wausau will make a good faith effort to accommodate your request.*

## **FINANCE COMMITTEE**

Date and Time: Tuesday, February 11, 2025, at 5:30 p.m., Council Chambers

Members Present: Michael Martens (C), Gary Gisselman (VC), Chad Henke, Vicki Tierney

Members Excused: Becky McElhaney

Others Present: Maryanne Groat, Rick Rubow, John Chmiel, Eric Lindman

Noting the presence of a quorum Chairperson Martens called the meeting to order at 5:32 p.m.

### **Minutes of the previous meeting (01/28/2025).**

Motion by Gisselman, seconded by Tierney, to approve. Motion carried 4-0.

### **Discussion and possible action to approve the Adjusted City of Wausau Part-Time, Temporary, and Seasonal Wage Rates.**

*Without objection*, this item was taken up out of order from the agenda.

Motion by Tierney, seconded by Henke, to approve. Motion carried 4-0.

### **Discussion and possible action regarding budget modification for Airport Hangar door engineering.**

Henke questioned if this would allow for a contractor to bid the work out and start work on the door. It was confirmed that would be the next step.

Motion by Gisselman, seconded by Henke, to approve. Motion carried 4-0.

### **Discussion and possible action approving the N 4th St, Franklin St and McIndoe parking improvements in the TID 3 amendment.**

Henke questioned if this project would move forward if not funded with the TID. It was stated if not funded, this project as approved in the budget would need to be funded with a different source.

Tierney stated the Woodson YMCA should provide a written commitment for funding to be supportive of the project so the city is not on the hook for funding the organization's obligations to the project.

Gisselman questioned why this project did not go through the Parks & Recreation Committee as the project intrudes on Yawkey Park. Gisselman stated concerns with further erosion of the park as this project moves forward along with other parking projects slated to encroach on the park.

Tierney stated the project is not necessary as the parking needs are not warranted.

Motion by Henke, seconded by Gisselman, to approve and move this ahead to the Common Council. Motion carried 3-1, with Tierney in opposition.

### **CLOSED SESSION pursuant to 19.85(1)(e) of the Wisconsin Statutes for deliberating or negotiating the purchase of public properties, the investing of public funds, or conducting other specified public business, whenever competitive or bargaining reasons require a closed session relating to approval of purchasing and assembling of properties along the west riverfront for the relocation of the public works garage and pedestrian trail acquisition.**

Motion by Henke, seconded by Gisselman, to move into closed session.

Roll Call Vote - Yes: Gisselman, Tierney, Henke, Martens; No: None. Motion carried 4-0.

### ***CONVENED into Closed Session.***

### **Adjourn**

Motion by Tierney, seconded by Henke, to adjourn the meeting. Motion carried. Meeting adjourned at 6:00 p.m.

For full meeting video on YouTube: <https://www.youtube.com/watch?v=bT39lJuMKZ8>

# CITY OF WAUSAU PURCHASE ORDER COVER SHEET

|                                                               |                             |
|---------------------------------------------------------------|-----------------------------|
| DEPARTMENT: Public Works                                      | CONTACT NAME: Dustin Kraege |
| VENDOR: Traffic & Parking Control Co. Inc.                    | COST: \$26,359.20           |
| PURCHASE DESCRIPTION: White and yellow traffic marking paint. |                             |



## COMPETITIVE PURCHASING PROCESS DOCUMENTATION

**PLEASE INDICATE YOUR QUOTE AND BID EFFORTS BELOW. THIS IS A MANDATORY FORM FOR ANY PURCHASES IN EXCESS OF \$10,000 AND SHOULD ACCOMPANY THE PURCHASE ORDER DOCUMENTATION AND BE REMITTED TO FINANCE**

GOODS OR SERVICES REQUIRING CENTRALIZED PURCHASING INCLUDE: COPIERS, COMPUTER HARDWARE/SOFTWARE, INTERNET SERVICES, CELL PHONES, SECURITY CAMERAS, FURNITURE, PLOWING SERVICES, VEHICLES AND ROLLING STOCK, FACILITY MAINTENANCE

☐ **PURCHASE OF GOODS OR CONTRACT SERVICES \$10,000 TO \$25,000 – WRITTEN QUOTES REQUIRED**

- ☐ QUOTE SUMMARY AND AT LEAST 3 QUOTES (ATTACHED)
- ☐ SOLE SOURCE JUSTIFICATION – APPROVED BY DEPT HEAD AND FINANCE DIRECTOR (ATTACHED)

☒ **PURCHASE OF GOODS OR CONTRACT SERVICES GREATER THAN \$25,000 – FORMAL BID PROCESS REQUIRED**

- ☐ PUBLIC CONSTRUCTION – FOLLOW STATE STATUTES
- ☐ BIDS FORMALLY NOTICED
- ☐ SEALED BIDS RECEIVED
- ☐ BIDS OPENED AT BOARD OF PUBLIC WORKS
- ☒ BID SUMMARY AND BIDS (ATTACHED)
- ☒ SOLE SOURCE JUSTIFICATION APPROVED BY FINANCE COMMITTEE (ATTACHED)

☐ **PURCHASE OF VOLATILE PRICING COMMODITIES \$10,000 TO \$50,000 – REQUIRES WRITTEN QUOTES**

- ☐ QUOTE SUMMARY AND QUOTES (ATTACHED)
- ☐ APPROVED SOLE SOURCE JUSTIFICATION (ATTACHED)

☐ **PURCHASE OF COMBINED GOODS AND SERVICES OR PROFESSIONAL SERVICES UNDER \$25,000 – COMPETITIVE PROCESS ENCOURAGED**

- ☐ QUOTE SUMMARY (ATTACHED)
- ☐ QUOTES (ATTACHED)
- ☐ APPROVED SOLE SOURCE JUSTIFICATION (ATTACHED)
- ☐ OTHER PROCUREMENT DESCRIBE \_\_\_\_\_

☐ **PURCHASE OF COMBINED GOODS AND SERVICES OR PROFESSIONAL SERVICES OVER \$25,000 – FORMAL RFP PROCESS REQUIRED**

- ☐ FORMAL RFP (ATTACHED)
- ☐ RFP FORMALLY NOTICED
- ☐ PROPOSALS OPENED AT BOARD OF PUBLIC WORKS
- ☐ PROPOSAL SUMMARY AND PROPOSALS (ATTACHED)
- ☐ SOLE SOURCE JUSTIFICATION APPROVED BY FINANCE COMMITTEE (ATTACHED)

☐ **COOPERATIVE PURCHASING PROGRAM/AGREEMENT (such as NJPA/State of Wisconsin )**

☐ **PURCHASING EXEMPTION – SOFTWARE MAINTENANCE AND SUPPORT PROCURED FROM PROPRIETARY OWNER, ORIGINAL MANUFACTURER MAINTENANCE AND PARTS, INSURANCE SERVICES AND PRODUCTS FROM CVMIC AND TMIC**

ADDTL INFO:



**CITY OF WAUSAU**  
**SOLE SOURCE PURCHASE JUSTIFICATION**  
**REQUIRED FORM PURCHASE OF GOODS OR SERVICES EXCEEDING \$10,000**

Purchase of goods or services for no more than \$25,000 may be made without competition when it is agreed *in advance* between the Department Head and the Finance Director. Sole source purchasing allows for the procurement of goods and services from a single source without soliciting quotes or bids from multiple sources. Sole source procurement cannot be used to avoid competition, rather it is used in certain situations when it can be documented that a vendor or contractor holds a unique set of skills or expertise, that the services are highly specialized or unique in character or when alternate products are unavailable or unsuitable from any other source. Sole source purchasing should be avoided unless it is clearly necessary and justifiable. The justification must withstand public and legislative scrutiny. The Department Head is responsible for providing written documentation justifying the valid reason to purchase from one source or that only one source is available. Sole source purchasing criteria include: urgency due to public safety, serious injury financial or other, other unusual and compelling reasons, goods or service is available from only one source and no other good or service will satisfy the City's requirements, legal services provided by an attorney, lack of acceptable bids or quotes, an alternate product or manufacturer would not be compatible with current products resulting in additional operating or maintenance costs, standardization of a specific product or manufacturer will result in a more efficient or economical operation or aesthetics, or compatibility is an overriding consideration, the purchase is from another governmental body, continuity is achieved in a phased project, the supplier or service demonstrates a unique capability not found elsewhere, the purchase is more economical to the city on the basis of time and money of proposal development.

1. Sole source purchase under \$10,000 shall be evaluated and determined by the Department Head.
2. Sole source purchase of \$10,001 to \$25,000 a formal written justification shall be forwarded to the Finance Director who will concur with the sole source or assist in locating additional competitive sources.
3. Sole source purchase exceeding \$25,000 must be approved by the Finance Committee.

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☐

Ongoing Sole Source – 365 days

☒

One Time Sole Source Request

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1. Provide a detailed explanation of the goods or service to be purchased and vendor.

Purchase 12 - 55-gallon drums of Aexcel white Jet Dry 72W-A042 paint, 13 - 55-gallon drums of Aexcel yellow Jet Dry 72Y-A056 paint and ship to 400 Myron Street.

2. Provide a brief description of the intended application for the service or goods to be purchased.

2025 Traffic line painting operations.

3. State why other products or services that compete in the market will not or do not meet your needs or comply with your specifications.

Paint has to meet federal specification TT-P 1952-F, Type I and II.

4. Describe your efforts to identify other vendors to furnish the product or services.

Requested quotes from three current vendors. All vendors are regional. TAPCO and Sherwin Industries are in WI.

5. How did you determine that the sole source vendor's price was reasonable?

TAPCO was low bid of the vendors that had paint that could be verified as meeting Federal Highway Standards. Sherwin-Williams submitted a quote that would require an unspecified additional regulatory surcharge added. The paint also could not be verified as meeting standards.

6. Which of the following best describes this sole source procurement? Select all that apply.

- ☒ Product or vendor is uniquely qualified with capability not found elsewhere.
- ☐ Urgency due to public safety, serious financial injury or other. (explain)
- ☐ The procurement is of such a specialized nature that by virtue of experience, expertise, proximity or ownership of intellectual property
- ☐ Lack of acceptable quotes or bids.
- ☒ Product compatibility or the standardization of a product.
- ☐ Continuation of a phased project.
- ☐ Proposal development is uneconomical.

**Department:** *Public Works*

**Preparer:** *Dustin Kraege*

**Vendor Name:** *Traffic and Parking Control Company Incorporated*

**Expected amount of purchase or contract:** *\$26,359.20*

**Department Head Signature:**

**Date:**

**Finance Director Signature:**

**Date:**

| Vendor           | Sherwin Industries |           | TAPCO  |           | Sherwin-Williams |           | TAPCO  |           |
|------------------|--------------------|-----------|--------|-----------|------------------|-----------|--------|-----------|
| Paint            | RAE                |           | Aexcel |           | Unknown          |           | Aexcel |           |
| Meets Fed. Spec. | Y                  |           | Y      |           | N                |           | Y      |           |
| Reg. Fee         | N                  |           | N      |           | Y                |           | N      |           |
| White            | \$                 | 15,088.92 | \$     | 11,608.20 | \$               | 8,580.00  | \$     | 14,040.00 |
| Yellow           | \$                 | 16,206.19 | \$     | 13,026.00 | \$               | 9,116.25  | \$     | 15,938.00 |
| Shipping         | \$                 | 2,754.00  | \$     | 1,725.00  | \$               | -         | \$     | 2,575.00  |
| Total            | \$                 | 34,049.11 | \$     | 26,359.20 | \$               | 17,696.25 | \$     | 32,553.00 |
|                  |                    |           |        |           | Exclude Paint    |           |        |           |



Traffic and Parking Control Co., Inc.  
5100 West Brown Deer Rd  
Brown Deer, WI 53223  
United States of America  
Phone No.:800-236-0112  
E-Mail: customerservice@tapconet.com

## SALES QUOTE

**SALES QUOTE DATE**

2/4/2025

**SALES QUOTE NUMBER**

Q25001981

**CUSTOMER NO.**

C8487

Page: 1

**BILL TO**

City of Wausau (Signs & Traffic)  
Gordy Schultz  
400 Myron St  
Wausau, WI 54401  
United States of America

**SHIP TO**

City of Wausau (Signs & Traffic)  
Gordy Schultz  
400 Myron St  
Wausau, WI 54401  
United States of America

| Ext. Document No. | SHIP VIA            | TERMS       | SALESPERSON     | VALID UNTIL |
|-------------------|---------------------|-------------|-----------------|-------------|
|                   | BEST RATE<br>Quoted | Net 30 DAYS | Aaron Guilbault | 3/6/2025    |

| Item/Description                                                     | U/M  | Quantity | Unit Price | Total Price |
|----------------------------------------------------------------------|------|----------|------------|-------------|
| 102366<br>Paint White Jet Dry 72W-A042 In 55 Gallon Drum Waterborne  | Each | 12       | 967.35     | 11,608.20   |
| 102367<br>Paint Yellow Jet Dry 72Y-A056 In 55 Gallon Drum Waterborne | Each | 13       | 1,002.00   | 13,026.00   |
| 3200-0000<br>FREIGHT SALES                                           |      | 1        | 1,725.00   | 1,725.00    |

Furnish only quote. Installation is not included.

Thank you- Aaron Guilbault  
#920-728-1792  
aaron@tapconet.com

|                   |                  |
|-------------------|------------------|
| <b>Subtotal:</b>  | <b>26359.20</b>  |
| Invoice Discount: | 0.00             |
| Total Sales Tax:  | 0.00             |
| <b>Total:</b>     | <b>26,359.20</b> |

All prices are listed in US Dollar (USD)  
For terms and conditions, please visit <https://tapconet.com/terms-conditions>



|                           |                                                                                                                                                                     |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DESCRIPTION:              | 72W-A042 WHITE JET-DRY ACRYLIC WATERBORNE TRAFFIC SAFETY PAINT                                                                                                      |
| FEDERAL COLOR STD:        | 595B - 37925                                                                                                                                                        |
| APPLICABLE SPECIFICATION: | FED SPEC. TT-P 1952-F, TYPE I & II                                                                                                                                  |
| TYPICAL USE:              | HIGHWAYS, AIRPORTS, PARKING LOTS                                                                                                                                    |
| DRY TIME:                 | 60 SEC. APPLIED @ 130-145°F, 10 MIN. @ 77°F. FOR COMPLETE DRYING AND MINIMUM DIRT RETENTION, LOTS SHOULD BE CLOSED TO TRAFFIC FOR TWO HOURS MINIMUM AFTER PAINTING. |
| COVERAGE:                 | APPROX. 320 LINEAR FEET OF 4" LINE APPLIED @ 15 MILS. - PER GALLON                                                                                                  |

TECHNICAL DATA AND PRODUCT SPECIFICATIONS MAY BE FOUND ON THE REVERSE SIDE OF THIS DOCUMENT.

**⚠ WARNING** To avoid slips and falls, do not use Aexcel traffic marking paint on large pedestrian surfaces or inclined surfaces including, but not limited to, ramps, walkways, stairs, crosswalks, and loading zones. As another example, do not paint an entire traffic stall. When the paint is applied to areas where there may be pedestrian traffic, always apply in conjunction with sufficient anti-slip additives to ensure traction. Failure to add anti-slip additives could contribute to falls that could result in serious injury or death.

#### TO INCREASE SLIP RESISTANCE

Add G3 anti-slip aggregate to any paint that may be exposed to pedestrian traffic. The larger the surface area of paint being applied the greater the need for aggregate. We recommend 4 pounds of G3 aggregate per 100 ft<sup>2</sup>.

See ANSI/NFPA B101.1 & ANSI/NFPA B101.3 for guidance on increasing slip resistance

#### GENERAL INFORMATION

The following information has been provided as a general guideline for the use and disposal of Aexcel traffic marking paints. It is also very beneficial to run a small test in a non-critical area in order to ensure the surface preparation, weather conditions, equipment and product are suitable and working properly.

#### SURFACE PREPARATION

Care should be taken to ensure that the surface is clean, dry and free of loose material. A simple leaf blower is typically sufficient to remove gravel and dust in most instances. When applying over previously coated areas, however, take special care to remove any loose or peeling paint. Other surface conditions, such as areas with large amounts of engine oil buildup or existing epoxy coatings, may require a power washing procedure or abrading the surface before application of the paint. New concrete and asphalt should be aged for a minimum of 30 days prior to painting. Do not use these products over a freshly sealed surface. Sealers can affect the adhesion and cure of traffic marking paints. For more information on the surface, please consult with the supplier or applicator of the surface.

#### WEATHER CONDITIONS AND APPLICATION

Air temperature, surface temperature, humidity, and the weather conditions following application are extremely important factors in the success of the products. Aexcel formulates these coatings to be applied without further reduction. They can also be used in conjunction with the application of glass beads to improve reflectivity without sacrificing other properties. Protect fresh lines from traffic until thoroughly dry. These, as well as all water-based coatings, should not be applied to surfaces less than 50°F, when the relative humidity is greater than 80% and/or less than 24 hours before any expected precipitation. **AT LOWER TEMPERATURES OR HIGHER HUMIDITY, A SIGNIFICANT AMOUNT OF EXTRA TIME WILL BE NEEDED FOR THE PAINTS TO DRY. DO NOT APPLY WHEN TEMPERATURE AND HUMIDITY ARE NEAR OR BELOW THE DEW POINT.**

#### EQUIPMENT

Tip size, fluid pressure, atomizing air pressure, paint viscosity and paint temperature are all critical to the appearance, consistency, and performance of the paint. The equipment must be matched to the paint being applied in order to achieve the proper film thickness and coverage. When using a water-based product, the equipment must be made with stainless steel or some other material that will not react with the paint and cause application or storage problems. Typical tip sizes for "airless" machines are .019"-.021", while "air-atomized" machines use .086"-.11" at 60 lbs. pressure. For more information, please consult with the equipment manufacturer.

#### PAINT SELECTION AND SAFETY

Protect these and all water-based coatings from freezing. Use only paint recommended or specified for each application. Shelter the containers when possible and avoid prolonged outside storage. Agitation of the paints by stirring or shaking should be performed in order to ensure uniform consistency, application and performance. When storing partially filled containers, a small amount of water may be added and allowed to stand on top in order to avoid "skinning". Always be sure the containers are sealed tightly during transporting or storing in order to avoid spillage, risk of fire and solvent evaporation. Keep paints away from heat and flame. Consult the MSDS and/or labels for further safety, first aid, and spill or leak procedures.

#### WASTE DISPOSAL

Comply with all regulations regarding handling, storage, and disposal of all hazardous materials and waste. Consult local agencies or disposal companies for individual instructions and requirements. **Improper disposal of paint and their related materials is illegal and may result in large fines.** Please comply with all regulations and minimize waste whenever possible.

|                                           |                                                        |
|-------------------------------------------|--------------------------------------------------------|
| DESCRIPTION:                              | 72W-A042 WHITE JET-DRY WATERBORNE TRAFFIC SAFETY PAINT |
| FEDERAL COLOR STD:                        | 595B – 37925                                           |
| REFLECTANCE: (85% Minimum)                | 87%                                                    |
| VISCOSITY @ 77°F, Kreh Units:             | 80 – 90 KU                                             |
| WT.GAL. @ 77°F:                           | 14.01 +/- 0.2                                          |
| PIGMENT, % By Weight:                     | 61.01 ± 2.0                                            |
| TOTAL SOLIDS, % By Weight:                | 77.37 ± 2.0                                            |
| % VOLUME SOLIDS:                          | 61.14 ± 2.0                                            |
| NON-VOL. VEHICLE, % By Weight of Vehicle: | 42 ± 2.0                                               |
| DRY TIME (NO PICKUP) 10 Minutes Max.:     | 10 minutes                                             |
| DRY TIME (NO PICK UP @ 140° F.:           | 60 seconds                                             |
| DRY THROUGH @ 90% RH                      | 2 hrs                                                  |
| V.O.C.: (MINUS WATER):                    | 0.66 Lb./Gal.<br>(78.91 g/liter)                       |
| CLEANUP SOLVENTS:                         | Mixture of water and mild household detergent          |
| REVISION DATE:                            | 7/26/2022                                              |

THIS PRODUCT DOES NOT CONTAIN LEAD, CHROMIUM OR CADMIUM

**AMERICA'S TOUGHEST TRAFFIC PAINTS™**

Aexcel Corporation • 7373 Production Drive • Mentor, Ohio 44060 • Phone: 440-974-3800 • Fax: 440-974-3808

The Product data offered herein are, to the best of our knowledge, true and accurate, but all recommendations are made without warranty, express or implied. Since the conditions of use are beyond our control, neither Aexcel Corporation, nor its agents shall be liable for any injury, loss or damage, direct or consequential, arising from the use or the inability to use the product described herein. No person is authorized to make any statement or recommendation not contained in the Product Data, and any such statement or recommendation, if made, shall not bind the Corporation. Further, nothing contained herein shall be construed as a recommendation to use any product in conflict with existing patents, and no license under the claims of any patent is either implied or granted.



|                           |                                                                                                                                                                     |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DESCRIPTION:              | 72Y-A056 YELLOW JET-DRY ACRYLIC WATERBORNE TRAFFIC MARKING PAINT                                                                                                    |
| FEDERAL COLOR STD:        | 595B - 33538                                                                                                                                                        |
| APPLICABLE SPECIFICATION: | FED SPEC. TT-P 1952-F TYPE I & II                                                                                                                                   |
| TYPICAL USE:              | HIGHWAYS, AIRPORTS, PARKING LOTS                                                                                                                                    |
| DRY TIME:                 | 60 SEC. APPLIED @ 130-145°F, 10 MIN. @ 77°F. FOR COMPLETE DRYING AND MINIMUM DIRT RETENTION, LOTS SHOULD BE CLOSED TO TRAFFIC FOR TWO HOURS MINIMUM AFTER PAINTING. |
| COVERAGE:                 | APPROX. 320 LINEAR FEET OF 4" LINE APPLIED @ 15 MILS. - PER GALLON                                                                                                  |

TECHNICAL DATA AND PRODUCT SPECIFICATIONS MAY BE FOUND ON THE REVERSE SIDE OF THIS DOCUMENT.

**⚠ WARNING** To avoid slips and falls, do not use Aexcel traffic marking paint on large pedestrian surfaces or inclined surfaces including, but not limited to, ramps, walkways, stairs, crosswalks, and loading zones. As another example, do not paint an entire traffic stall. When the paint is applied to areas where there may be pedestrian traffic, always apply in conjunction with sufficient anti-slip additives to ensure traction. Failure to add anti-slip additives could contribute to falls that could result in serious injury or death.

#### TO INCREASE SLIP RESISTANCE

Add G3 anti-slip aggregate to any paint that may be exposed to pedestrian traffic. The larger the surface area of paint being applied the greater the need for aggregate. We recommend 4 pounds of G3 aggregate per 100 ft<sup>2</sup>.

See ANSI/NFSI B101.1 & ANSI/NFSI B101.3 for guidance on increasing slip resistance

#### GENERAL INFORMATION

The following information has been provided as a general guideline for the use and disposal of Aexcel traffic marking paints. It is also very beneficial to run a small test in a non-critical area in order to ensure the surface preparation, weather conditions, equipment and product are suitable and working properly.

#### SURFACE PREPARATION

Care should be taken to ensure that the surface is clean, dry and free of loose material. A simple leaf blower is typically sufficient to remove gravel and dust in most instances. When applying over previously coated areas, however, take special care to remove any loose or peeling paint. Other surface conditions, such as areas with large amounts of engine oil buildup or existing epoxy coatings, may require a power washing procedure or abrading the surface before application of the paint. New concrete and asphalt should be aged for a minimum of 30 days prior to painting. Do not use these products over a freshly sealed surface. Sealers can affect the adhesion and cure of traffic marking paints. For more information on the surface, please consult with the supplier or applicator of the surface.

#### WEATHER CONDITIONS AND APPLICATION

Air temperature, surface temperature, humidity, and the weather conditions following application are extremely important factors in the success of the products. Aexcel formulates these coatings to be applied without further reduction. They can also be used in conjunction with the application of glass beads to improve reflectivity without sacrificing other properties. Protect fresh lines from traffic until thoroughly dry. These, as well as all water-based coatings, should not be applied to surfaces less than 50°F, when the relative humidity is greater than 80% and/or less than 24 hours before any expected precipitation. **AT LOWER TEMPERATURES OR HIGHER HUMIDITY, A SIGNIFICANT AMOUNT OF EXTRA TIME WILL BE NEEDED FOR THE PAINTS TO DRY. DO NOT APPLY WHEN TEMPERATURE AND HUMIDITY ARE NEAR OR BELOW THE DEW POINT.**

#### EQUIPMENT

Tip size, fluid pressure, atomizing air pressure, paint viscosity and paint temperature are all critical to the appearance, consistency, and performance of the paint. The equipment must be matched to the paint being applied in order to achieve the proper film thickness and coverage. When using a water-based product, the equipment must be made with stainless steel or some other material that will not react with the paint and cause application or storage problems. Typical tip sizes for "airless" machines are .019"-.021", while "air-atomized" machines use .086"-.11" at 60 lbs. pressure. For more information, please consult with the equipment manufacturer.

#### PAINT SELECTION AND SAFETY

Protect these and all water-based coatings from freezing. Use only paint recommended or specified for each application. Shelter the containers when possible and avoid prolonged outside storage. Agitation of the paints by stirring or shaking should be performed in order to ensure uniform consistency, application and performance. When storing partially filled containers, a small amount of water may be added and allowed to stand on top in order to avoid "skinning". Always be sure the containers are sealed tightly during transporting or storing in order to avoid spillage, risk of fire and solvent evaporation. Keep paints away from heat and flame. Consult the MSDS and/or labels for further safety, first aid, and spill or leak procedures.

#### WASTE DISPOSAL

Comply with all regulations regarding handling, storage, and disposal of all hazardous materials and waste. Consult local agencies or disposal companies for individual instructions and requirements. **Improper disposal of paint and their related materials is illegal and may result in large fines.** Please comply with all regulations and minimize waste whenever possible.

|                                         |                                                         |
|-----------------------------------------|---------------------------------------------------------|
| DESCRIPTION:                            | 72Y-A056 YELLOW JET-DRY WATERBORNE TRAFFIC SAFETY PAINT |
| FEDERAL COLOR STD:                      | 595B - 33538                                            |
| VISCOSITY @ 77°F, Kneb Units (80 - 90): | 80 - 90 KU                                              |
| WT.GAL. @ 77°F (12.0 minimum):          | 14.03 +/- 0.2                                           |
| PIGMENT, % By Weight: (60 - 62%)        | 62.0%                                                   |
| TOTAL SOLIDS, % By Weight: (70% Min.)   | 78.0%                                                   |
| % VOLUME SOLIDS: (60% Minimum)          | 62.1%                                                   |
| DRY TIME (NO PICKUP) 10 Minutes Max.:   | 10 minutes                                              |
| DRY TIME (NO PICK UP @ 140° F.:         | 60 seconds                                              |
| DRY THROUGH @ 90% RH                    | 2 hrs                                                   |
| V.O.C. (150 g/l Max):                   | 76.87 g/l                                               |
| CLEANUP SOLVENTS:                       | Mixture of water and mild household detergent           |
| REVISION DATE:                          | 4/22/2022                                               |

Note: These products are not recommended for crosswalks or other "high-traffic" auxiliary markings.

**AMERICA'S TOUGHEST TRAFFIC PAINTS™**

Aexcel Corporation • 7373 Production Drive • Mentor, Ohio 44060 • Phone: 440-974-3800 • Fax: 440-974-3808

The Product data offered herein are, to the best of our knowledge, true and accurate, but all recommendations are made without warranty, express or implied. Since the conditions of use are beyond our control, neither Aexcel Corporation, nor its agents shall be liable for any injury, loss or damage, direct or consequential, arising from the use or the inability to use the product described herein. No person is authorized to make any statement or recommendation not contained in the Product Data, and any such statement or recommendation, if made, shall not bind the Corporation. Further, nothing contained herein shall be construed as a recommendation to use any product in conflict with existing patents, and no license under the claims of any patent is either implied or granted.



Traffic and Parking Control Co., Inc.  
5100 West Brown Deer Rd  
Brown Deer, WI 53223  
United States of America  
Phone No.:800-236-0112  
E-Mail: customerservice@tapconet.com

## SALES QUOTE

**SALES QUOTE DATE**

2/7/2025

**SALES QUOTE NUMBER**

Q25002255

**CUSTOMER NO.**

C8487

Page: 1

**BILL TO**

City of Wausau (Signs & Traffic)  
Gordy Schultz  
400 Myron St  
Wausau, WI 54401  
United States of America

**SHIP TO**

City of Wausau (Signs & Traffic)  
Gordy Schultz  
400 Myron St  
Wausau, WI 54401  
United States of America

| Ext. Document No. | SHIP VIA            | TERMS       | SALESPERSON     | VALID UNTIL |
|-------------------|---------------------|-------------|-----------------|-------------|
|                   | BEST RATE<br>Quoted | Net 30 DAYS | Aaron Guilbault | 3/9/2025    |

| Item/Description                                                                                | U/M  | Quantity | Unit Price | Total Price |
|-------------------------------------------------------------------------------------------------|------|----------|------------|-------------|
| ***** RAE Products Paint 2025 *****                                                             |      |          |            |             |
| SP TRAFFIC<br>72W-A042 Jet Dry Waterborne Type II White Traffic Marking Paint - 55 gallon drum  | Each | 12       | 1,170.00   | 14,040.00   |
| SP TRAFFIC<br>72Y-A056 Jet Dry Waterborne Type II Yellow Traffic Marking Paint - 55 gallon drum | Each | 13       | 1,226.00   | 15,938.00   |
| 3200-0000<br>FREIGHT SALES                                                                      |      | 1        | 2,575.00   | 2,575.00    |

Furnish only quote. Installation is not included.

Thank you- Aaron Guilbault  
#920-728-1792  
aaron@tapconet.com

|                   |                  |
|-------------------|------------------|
| <b>Subtotal:</b>  | <b>32553.00</b>  |
| Invoice Discount: | 0.00             |
| Total Sales Tax:  | 0.00             |
| <b>Total:</b>     | <b>32,553.00</b> |

All prices are listed in US Dollar (USD)  
For terms and conditions, please visit <https://tapconet.com/terms-conditions>

|                                                                                                                               |    |                                   |                     |                  |                        |
|-------------------------------------------------------------------------------------------------------------------------------|----|-----------------------------------|---------------------|------------------|------------------------|
| <b>Sherwin Industries, Inc.</b><br>2129 West Morgan Avenue<br>Milwaukee, WI 53221<br>Dennis Fleischman<br>Phone: 715-531-8119 |    | <h1 style="margin: 0;">QUOTE</h1> |                     | DATE: 02-07-2025 |                        |
| <b>QUOTED TO:</b><br><br>City of Wausau                                                                                       |    | <b>JOB DESIGNATION:</b>           |                     |                  |                        |
|                                                                                                                               |    | <b>PROJECT START DATE: TBD</b>    |                     |                  |                        |
|                                                                                                                               |    | <b>SHIPMENT COMPLETION DATE:</b>  |                     |                  |                        |
|                                                                                                                               |    | <b>BID DATE:</b>                  |                     |                  |                        |
| <b>CONTACT NAME: Gordy</b>                                                                                                    |    | <b>BID #:</b>                     |                     |                  |                        |
| <b>PHONE:</b>                                                                                                                 |    | <b>DURATION OF QUOTE: 30 Days</b> |                     |                  |                        |
| <b>FAX:</b>                                                                                                                   |    | <b>F.O.B.:</b>                    |                     |                  |                        |
| <b>EMAIL:</b>                                                                                                                 |    | <b>PAYMENT TERMS:</b>             |                     |                  |                        |
| <b>SHIP TO:</b>                                                                                                               |    | <b>QUOTED BY:</b>                 |                     |                  |                        |
|                                                                                                                               |    | <b>SALES REGION CODE:</b>         |                     |                  |                        |
| <b>DESCRIPTION</b>                                                                                                            |    | <b>QUANTITY</b>                   | <b>UNIT</b>         | <b>PRICE</b>     | <b>EXTENSION PRICE</b> |
| Rae Fast dry Paint 9510 White                                                                                                 | 12 |                                   | \$ 1257.41/<br>drum |                  | \$ 15,088.92           |
| Rae Fast Dry Paint 9511 Yellow                                                                                                | 13 |                                   | \$ 1246.63/<br>drum |                  | \$ 16,206.19           |
|                                                                                                                               |    |                                   |                     |                  |                        |
|                                                                                                                               |    |                                   |                     |                  |                        |
|                                                                                                                               |    |                                   |                     |                  |                        |
|                                                                                                                               |    |                                   | Frieght             |                  | \$ 2754.00             |
|                                                                                                                               |    |                                   |                     |                  |                        |
|                                                                                                                               |    |                                   |                     |                  |                        |

**COMMENTS:**

1. Pricing does not include applicable sales tax.
2. Estimated time to ship quoted at time of order.
3. All material not able to be produced before the expiration date of the quote will be re-quoted based on the available date of production.
4. Crafcro lead times can be long, please give us as much notification as possible so we have material available.

**Pavement Preservation Products Restocking Policy**

Sherwin Industries, Inc. will only accept the return of products that have been authorized in writing in advance. To obtain authorization contact your sales representative. A written authorization will be faxed or emailed to you. A copy of the RETURN AUTHORIZATION must accompany the material being returned.

Not all products are returnable. Products that have a shelf life or are not considered made to order or special order may not be returned. No used parts may be returned.

All returns are subject to restocking charges.

Parts 20%

Equipment Non-Returnable

Sealant 25%

Silicone Non-Returnable

Geocomposites Non-Returnable

Mastic 25%

Techcrete 25%

Other Standard inventoried items 20%

Any part or product that is non-standard or obsolete is not returnable.

Customer is responsible for all shipping costs on returned materials

Thank you for the opportunity to quote you on your pavement maintenance needs

**Sherwin Industries, Inc.**

**Dennis Fleischman**

**[dfleischman@sherwinindustries.com](mailto:dfleischman@sherwinindustries.com)**

**715-531-8119**



RAE Products & Chemicals Corporation

## PRODUCT DATA SHEET

# 9510 WHITE F/D LATEX SUPREME TRAFFIC MARKING PAINT

Brilliant White

| Product Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                      |                 |         | Recommended Uses                                                                                                                                                                                                                                                                                                                                                     |             |              |         |               |                      |           |      |             |            |             |      |                   |            |               |      |                     |           |                 |      |                           |            |              |      |             |            |      |      |                        |            |          |      |                               |            |              |      |                  |            |      |      |                |           |              |      |             |            |              |      |                                  |           |                 |      |                  |             |            |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-----------------|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------|---------|---------------|----------------------|-----------|------|-------------|------------|-------------|------|-------------------|------------|---------------|------|---------------------|-----------|-----------------|------|---------------------------|------------|--------------|------|-------------|------------|------|------|------------------------|------------|----------|------|-------------------------------|------------|--------------|------|------------------|------------|------|------|----------------|-----------|--------------|------|-------------|------------|--------------|------|----------------------------------|-----------|-----------------|------|------------------|-------------|------------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <p><b>9510 FAST DRY WHITE LATEX SUPREME TRAFFIC MARKING PAINT</b> is 100% latex acrylic (waterborne), designed for VERY fast drying and quick turn around time. Fast Dry Supreme dries faster and longer lasting than reg dry paints.</p> <ul style="list-style-type: none"><li>• <b>Meets New Federal Spec. Revision - TT-P-1952F (I &amp; II)</b></li><li>• Formulated for Brush, Spray, or Roller</li><li>• Fastest Dry Time for Quick Turn Around.</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                      |                 |         | <p>This product has been designed for painting handicap accessible areas, curbs, police zones, airport runways &amp; taxiways, running tracks, medians, parking lots, and other pavement markings.</p> <p>Use on concrete, asphalt, and brick. Exterior and Interior. This latex marking paint is considered to be the best product for use over freshly applied</p> |             |              |         |               |                      |           |      |             |            |             |      |                   |            |               |      |                     |           |                 |      |                           |            |              |      |             |            |      |      |                        |            |          |      |                               |            |              |      |                  |            |      |      |                |           |              |      |             |            |              |      |                                  |           |                 |      |                  |             |            |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| Performance Characteristics                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                      |                 |         | Product Characteristics                                                                                                                                                                                                                                                                                                                                              |             |              |         |               |                      |           |      |             |            |             |      |                   |            |               |      |                     |           |                 |      |                           |            |              |      |             |            |      |      |                        |            |          |      |                               |            |              |      |                  |            |      |      |                |           |              |      |             |            |              |      |                                  |           |                 |      |                  |             |            |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| <p><b>Meets Federal Specification TT-P-1952F Type I &amp; II</b><br/>(supercedes 1952E, and earlier revisions)</p> <table><tr><th>Test Description</th><th>Test Method</th><th>Requirements</th><th>Results</th></tr><tr><td>Color (white)</td><td>Fed. Std. 595 #37925</td><td>6 CIE Lab</td><td>Pass</td></tr><tr><td>Reflectance</td><td>ASTM E1347</td><td>85% minimum</td><td>Pass</td></tr><tr><td>Fineness of Grind</td><td>ASTM D1210</td><td>3 Hegman min.</td><td>Pass</td></tr><tr><td>Dry Time No-Pick-Up</td><td>ASTM D711</td><td>10 minutes max.</td><td>Pass</td></tr><tr><td>Dry Through Early Washout</td><td>ASTM D1640</td><td>&lt;120 minutes</td><td>Pass</td></tr><tr><td>Flexibility</td><td>TT-P-1952F</td><td>Pass</td><td>Pass</td></tr><tr><td>Freeze-Thaw Resistance</td><td>TT-P-1952F</td><td>3 cycles</td><td>Pass</td></tr><tr><td>Accelerated Package Stability</td><td>TT-P-1952F</td><td>&lt;5 Ku change</td><td>Pass</td></tr><tr><td>Water Resistance</td><td>TT-P-1952F</td><td>Pass</td><td>Pass</td></tr><tr><td>Bleeding Ratio</td><td>ASTM D969</td><td>0.95 minimum</td><td>Pass</td></tr><tr><td>Dry Opacity</td><td>ASTM D2805</td><td>0.92 minimum</td><td>Pass</td></tr><tr><td>Abrasion Resistance Falling sand</td><td>ASTM D968</td><td>150 liters min.</td><td>Pass</td></tr><tr><td>Scrub Resistance</td><td>ASTM D 2486</td><td>500 cycles</td><td>Pass</td></tr></table> <p>AS PER THE REQUIREMENTS OF TT-P-1952F, THIS PRODUCT DOES NOT COANTAIN MERCURY, LEAD, HEXAVALENT CHROMIUM, TOLUENE, CHLORINATED SOLVENTS, HYDROLYSABLE CHLORINE DERIVATIVES, ETHYLENE-BASED GLYCOL ETHERS AND THEIR ACETATES, NOR ANY CARCINOGEN, AS DEFINED IN 29 CFR 1910.1200.</p>                                                   |                      |                 |         | Test Description                                                                                                                                                                                                                                                                                                                                                     | Test Method | Requirements | Results | Color (white) | Fed. Std. 595 #37925 | 6 CIE Lab | Pass | Reflectance | ASTM E1347 | 85% minimum | Pass | Fineness of Grind | ASTM D1210 | 3 Hegman min. | Pass | Dry Time No-Pick-Up | ASTM D711 | 10 minutes max. | Pass | Dry Through Early Washout | ASTM D1640 | <120 minutes | Pass | Flexibility | TT-P-1952F | Pass | Pass | Freeze-Thaw Resistance | TT-P-1952F | 3 cycles | Pass | Accelerated Package Stability | TT-P-1952F | <5 Ku change | Pass | Water Resistance | TT-P-1952F | Pass | Pass | Bleeding Ratio | ASTM D969 | 0.95 minimum | Pass | Dry Opacity | ASTM D2805 | 0.92 minimum | Pass | Abrasion Resistance Falling sand | ASTM D968 | 150 liters min. | Pass | Scrub Resistance | ASTM D 2486 | 500 cycles | Pass | <p>Vehicle Type: Acrylic Latex Polymer</p> <p>Viscosity: 85 to 90 Ku</p> <p>Weight Solids: 77% ± 1%</p> <p>Volume Solids: 60% min</p> <p>Pigment Solids: 61% ± 1%</p> <p>Density (Weight per Gallon):<br/>14.10 ± 0.20 lbs/gal</p> <p>VOC (minus exempts): 88 g/L<br/>(with exempts): 60 g/L</p> <p>Dry time: No-Pick-Up: 5 – 10 minutes<br/>Dry Through: 10 – 15 minutes<br/>(Note: Applied film thickness, relative humidity and temperature will affect dry time)</p> <p><b>THIS PRODUCT IS MANUFACTURED TO MEET THE V.O.C. REQUIREMENTS SET FORTH IN FEDERAL EPA 40 CFR 59, SUBPART D, TABLE 1.</b></p> <p><b>Note:</b> These results represent actual control values when tested under laboratory conditions. To the best of our knowledge, the above technical data is true and accurate at the date of issuance but is subject to change without prior notice.</p> |  |
| Test Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Test Method          | Requirements    | Results |                                                                                                                                                                                                                                                                                                                                                                      |             |              |         |               |                      |           |      |             |            |             |      |                   |            |               |      |                     |           |                 |      |                           |            |              |      |             |            |      |      |                        |            |          |      |                               |            |              |      |                  |            |      |      |                |           |              |      |             |            |              |      |                                  |           |                 |      |                  |             |            |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| Color (white)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Fed. Std. 595 #37925 | 6 CIE Lab       | Pass    |                                                                                                                                                                                                                                                                                                                                                                      |             |              |         |               |                      |           |      |             |            |             |      |                   |            |               |      |                     |           |                 |      |                           |            |              |      |             |            |      |      |                        |            |          |      |                               |            |              |      |                  |            |      |      |                |           |              |      |             |            |              |      |                                  |           |                 |      |                  |             |            |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| Reflectance                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ASTM E1347           | 85% minimum     | Pass    |                                                                                                                                                                                                                                                                                                                                                                      |             |              |         |               |                      |           |      |             |            |             |      |                   |            |               |      |                     |           |                 |      |                           |            |              |      |             |            |      |      |                        |            |          |      |                               |            |              |      |                  |            |      |      |                |           |              |      |             |            |              |      |                                  |           |                 |      |                  |             |            |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| Fineness of Grind                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ASTM D1210           | 3 Hegman min.   | Pass    |                                                                                                                                                                                                                                                                                                                                                                      |             |              |         |               |                      |           |      |             |            |             |      |                   |            |               |      |                     |           |                 |      |                           |            |              |      |             |            |      |      |                        |            |          |      |                               |            |              |      |                  |            |      |      |                |           |              |      |             |            |              |      |                                  |           |                 |      |                  |             |            |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| Dry Time No-Pick-Up                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | ASTM D711            | 10 minutes max. | Pass    |                                                                                                                                                                                                                                                                                                                                                                      |             |              |         |               |                      |           |      |             |            |             |      |                   |            |               |      |                     |           |                 |      |                           |            |              |      |             |            |      |      |                        |            |          |      |                               |            |              |      |                  |            |      |      |                |           |              |      |             |            |              |      |                                  |           |                 |      |                  |             |            |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| Dry Through Early Washout                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | ASTM D1640           | <120 minutes    | Pass    |                                                                                                                                                                                                                                                                                                                                                                      |             |              |         |               |                      |           |      |             |            |             |      |                   |            |               |      |                     |           |                 |      |                           |            |              |      |             |            |      |      |                        |            |          |      |                               |            |              |      |                  |            |      |      |                |           |              |      |             |            |              |      |                                  |           |                 |      |                  |             |            |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| Flexibility                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | TT-P-1952F           | Pass            | Pass    |                                                                                                                                                                                                                                                                                                                                                                      |             |              |         |               |                      |           |      |             |            |             |      |                   |            |               |      |                     |           |                 |      |                           |            |              |      |             |            |      |      |                        |            |          |      |                               |            |              |      |                  |            |      |      |                |           |              |      |             |            |              |      |                                  |           |                 |      |                  |             |            |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| Freeze-Thaw Resistance                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | TT-P-1952F           | 3 cycles        | Pass    |                                                                                                                                                                                                                                                                                                                                                                      |             |              |         |               |                      |           |      |             |            |             |      |                   |            |               |      |                     |           |                 |      |                           |            |              |      |             |            |      |      |                        |            |          |      |                               |            |              |      |                  |            |      |      |                |           |              |      |             |            |              |      |                                  |           |                 |      |                  |             |            |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| Accelerated Package Stability                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | TT-P-1952F           | <5 Ku change    | Pass    |                                                                                                                                                                                                                                                                                                                                                                      |             |              |         |               |                      |           |      |             |            |             |      |                   |            |               |      |                     |           |                 |      |                           |            |              |      |             |            |      |      |                        |            |          |      |                               |            |              |      |                  |            |      |      |                |           |              |      |             |            |              |      |                                  |           |                 |      |                  |             |            |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| Water Resistance                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | TT-P-1952F           | Pass            | Pass    |                                                                                                                                                                                                                                                                                                                                                                      |             |              |         |               |                      |           |      |             |            |             |      |                   |            |               |      |                     |           |                 |      |                           |            |              |      |             |            |      |      |                        |            |          |      |                               |            |              |      |                  |            |      |      |                |           |              |      |             |            |              |      |                                  |           |                 |      |                  |             |            |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| Bleeding Ratio                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | ASTM D969            | 0.95 minimum    | Pass    |                                                                                                                                                                                                                                                                                                                                                                      |             |              |         |               |                      |           |      |             |            |             |      |                   |            |               |      |                     |           |                 |      |                           |            |              |      |             |            |      |      |                        |            |          |      |                               |            |              |      |                  |            |      |      |                |           |              |      |             |            |              |      |                                  |           |                 |      |                  |             |            |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| Dry Opacity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ASTM D2805           | 0.92 minimum    | Pass    |                                                                                                                                                                                                                                                                                                                                                                      |             |              |         |               |                      |           |      |             |            |             |      |                   |            |               |      |                     |           |                 |      |                           |            |              |      |             |            |      |      |                        |            |          |      |                               |            |              |      |                  |            |      |      |                |           |              |      |             |            |              |      |                                  |           |                 |      |                  |             |            |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| Abrasion Resistance Falling sand                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | ASTM D968            | 150 liters min. | Pass    |                                                                                                                                                                                                                                                                                                                                                                      |             |              |         |               |                      |           |      |             |            |             |      |                   |            |               |      |                     |           |                 |      |                           |            |              |      |             |            |      |      |                        |            |          |      |                               |            |              |      |                  |            |      |      |                |           |              |      |             |            |              |      |                                  |           |                 |      |                  |             |            |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| Scrub Resistance                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | ASTM D 2486          | 500 cycles      | Pass    |                                                                                                                                                                                                                                                                                                                                                                      |             |              |         |               |                      |           |      |             |            |             |      |                   |            |               |      |                     |           |                 |      |                           |            |              |      |             |            |      |      |                        |            |          |      |                               |            |              |      |                  |            |      |      |                |           |              |      |             |            |              |      |                                  |           |                 |      |                  |             |            |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
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REVISION DATE: 01/22/2019

# 9510 WHITE F/D LATEX SUPREME TRAFFIC MARKING PAINT

Brilliant White

| Preparation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Application                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>The surface to be painted must be dry, free of grease and oil and brushed free of loose dirt. Striping paints will not adhere to unclean surfaces. Application equipment must be clean from all previous paint(s).</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <p>Mix paint thoroughly before using. Surfaces should be clean and free from dirt and debris. Newly sealed or asphalted surfaces should be allowed to cure before application. Paint only in dry weather with no forecast for rain. May be applied by a spray machine, roller or brush.</p>                                                                                                                                                                                                                                                                                                                                                     |
| Thinning                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <p>Application Rates: Apply at 15 mils. wet , 7.5 mils dry<br/>Coverage: Approx. 16 gallons will stripe a 4-inch line one mile.</p> <p>Glass beads can be broadcast at a rate of 4 - 6 pounds of beads per gallon. If spraying, do not mix beads directly into the paint.</p>                                                                                                                                                                                                                                                                                                                                                                   |
| <p>Thinning is normally not required, but a small amount of water may be added if needed. <u>Add water sparingly!</u> Diluting with water can reduce paint viscosity rapidly.</p> <p>DO NOT add gasoline, oil or any other petroleum-based products to waterborne paints.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Drying Times                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Application Conditions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <p>Dry times are dependent upon weather conditions. The warmer the temperature, the faster the paint will cure. Direct sunlight will speed up dry times. For this product, a basic drying schedule is:</p> <p>10 min. (walk on) - 20 min. (drive on)</p> <p><i>Note: changes in weather conditions (ie. temp. dropping after application, cold surface temp.) can delay above cure times drastically.</i></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <p>Recommended application conditions: Apply between 50°F minimum and 90 °F and at least 5 °F above dew point with a relative humidity below 85%. Temperatures should remain above 50°F for a 24 hour period.</p>                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Safety Precautions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Application Equipment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <p><b>Always refer to the SDS (Safety Data Sheet) for Handling and Hazard conditions.</b> Keep away from open flame. Avoid prolonged or repeated contact with skin. Avoid breathing of vapors or spray mist. Do not take internally. Close container after each use. Wear respirator, eye protection and protective clothing when handling.</p> <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 5px; margin-right: 10px;"> <p><b>PERSONAL PROTECTIVE EQUIPMENT</b></p> <div style="display: flex; justify-content: space-around;">     </div> <div style="display: flex; justify-content: space-around; font-size: small;"> <p>Splash Goggles</p> <p>Gloves</p> <p>Synthetic Apron</p> <p>Dust and Vapor Respirator</p> </div> </div> <div style="border: 2px solid red; padding: 5px; margin-right: 10px;">  <p><b>KEEP FROM FREEZING</b></p> </div> </div>                                                                                                                                                                                                                                                                                                                                                                                                                              | <p><b>Spray Equipment:</b> The use of stainless steel spray equipment is strongly encouraged, due to the fact that an alkaline paint will "surface shock" when exposed to mild metals. Only stainless steel or plastic spray equipment should be used. Straining the paint when using spray equipment is ALWAYS recommended.</p> <p><b>Airless Sprayers:</b> Use pressure between 1500-2000 psi - with tip size between .015" - 0.19" (note: use the lowest pressure necessary to achieve a flat edge-line)</p> <p><b>Brush:</b> Use Nylon/Polyester Natural Bristle</p> <p><b>Roller:</b> Use 3/8" Shed-resistant cover with phenolic core</p> |
| <p>The following supersedes any provision contained in the forms, letters and papers of your company. This product is designed and intended for professional application only. All products should be thoroughly tested under application conditions prior to use. The information contained herein is believed to be reliable. <b>HOWEVER, RAE PRODUCTS &amp; CHEMICALS CORPORATION MAKES NO WARRANTY CONCERNING THIS PRODUCT, WHETHER EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.</b> UNDER NO CIRCUMSTANCES SHALL RAE PRODUCTS &amp; CHEMICALS CORP. BE LIABLE FOR SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR ANY OTHER DAMAGES FROM ALLEGED NEGLIGENCE, BREACH OF WARRANTY, STRICT LIABILITY, OR ANY OTHER LEGAL THEORY, ARISING OUT OF THE USE OR HANDLING OF THIS PRODUCT. THE SOLE REMEDY OF THE BUYER AND THE SOLE LIABILITY OF RAE PRODUCTS &amp; CHEMICALS CORP. FOR ANY CLAIMS SHALL BE LIMITED TO THE BUYER'S PURCHASE PRICE OF THE PRODUCT WHICH IS THE SUBJECT OF THE CLAIM OR THE AMOUNT ACTUALLY PAID FOR SUCH PRODUCT, WHICHEVER IS LESS. TECHNICAL ADVICE FURNISHED BY RAE PRODUCTS &amp; CHEMICALS CORP. SHALL NOT CONSTITUTE AN EXPRESS WARRANTY, WHICH IS EXPRESSLY DISCLAIMED. ALL TECHNICAL ADVICE GIVEN IS ACCEPTED AT THE RISK OF THE BUYER.</p> <p><b>CAUTION: DANGER! FLAMMABLE! VAPORS MAY CAUSE FLASH FIRE. VAPOR HARMFUL. HARMFUL OR FATAL IF SWALLOWED. INJURIOUS TO EYES. KEEP OUT OF THE REACH OF CHILDREN! BEFORE using this product it is essential to reference the SDS (Safety Data Sheet) or MSDS for product information as well as the Product Label for current product BATCH DATE If your company has any questions or needs more information, please contact us.</b></p> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

# 9511 YELLOW F/D LATEX SUPREME TRAFFIC MARKING PAINT

Longer Lasting - UV Resist Yellow

| Product Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                      |                 |         | Recommended Uses                                                                                                                                                                                                                                                                                                                                                              |             |              |         |                |                      |           |      |                   |            |               |      |                     |           |                 |      |                           |            |              |      |             |            |      |      |                        |            |          |      |                               |            |              |      |                  |            |      |      |                |           |              |      |             |            |              |      |                     |           |                 |      |                  |             |            |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
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| <p><b>9511 FAST DRY YELLOW LATEX SUPREME TRAFFIC MARKING PAINT</b> is 100% latex acrylic (waterborne), designed for VERY fast drying and quick turn around time. Fast Dry Supreme dries faster and longer lasting than reg dry paints.</p> <ul style="list-style-type: none"><li>Meets New Federal Spec. Revision - TT-P-1952F (I &amp; II)</li><li>Formulated for Brush, Spray, or Roller</li><li>Fastest Dry Time for Quick Turn Around.</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                      |                 |         | <p>This product has been designed for painting fire zones, curbs, hospital areas, airport runways &amp; taxiways, running tracks, medians, pedestrian crossings, parking lots, and other pavement markings.</p> <p>Use on concrete, asphalt, and brick. Exterior and Interior. This latex marking paint is considered to be the best product for use over freshly applied</p> |             |              |         |                |                      |           |      |                   |            |               |      |                     |           |                 |      |                           |            |              |      |             |            |      |      |                        |            |          |      |                               |            |              |      |                  |            |      |      |                |           |              |      |             |            |              |      |                     |           |                 |      |                  |             |            |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
| Performance Characteristics                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                      |                 |         | Product Characteristics                                                                                                                                                                                                                                                                                                                                                       |             |              |         |                |                      |           |      |                   |            |               |      |                     |           |                 |      |                           |            |              |      |             |            |      |      |                        |            |          |      |                               |            |              |      |                  |            |      |      |                |           |              |      |             |            |              |      |                     |           |                 |      |                  |             |            |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
| <p><b>Meets Federal Specification TT-P-1952F Type I &amp; II</b><br/>(supercedes 1952E, and earlier revisions)</p> <table><tr><th>Test Description</th><th>Test Method</th><th>Requirements</th><th>Results</th></tr><tr><td>Color (yellow)</td><td>Fed. Std. 595 #33538</td><td>6 CIE Lab</td><td>Pass</td></tr><tr><td>Fineness of Grind</td><td>ASTM D1210</td><td>3 Hegman min.</td><td>Pass</td></tr><tr><td>Dry Time No-Pick-Up</td><td>ASTM D711</td><td>10 minutes max.</td><td>Pass</td></tr><tr><td>Dry Through Early Washout</td><td>ASTM D1640</td><td>&lt;120 minutes</td><td>Pass</td></tr><tr><td>Flexibility</td><td>TT-P-1952F</td><td>Pass</td><td>Pass</td></tr><tr><td>Freeze-Thaw Resistance</td><td>TT-P-1952F</td><td>3 cycles</td><td>Pass</td></tr><tr><td>Accelerated Package Stability</td><td>TT-P-1952F</td><td>&lt;5 Ku change</td><td>Pass</td></tr><tr><td>Water Resistance</td><td>TT-P-1952F</td><td>Pass</td><td>Pass</td></tr><tr><td>Bleeding Ratio</td><td>ASTM D969</td><td>0.95 minimum</td><td>Pass</td></tr><tr><td>Dry Opacity</td><td>ASTM D2805</td><td>0.92 minimum</td><td>Pass</td></tr><tr><td>Abrasion Resistance</td><td>ASTM D968</td><td>150 liters min.</td><td>Pass</td></tr><tr><td>Scrub Resistance</td><td>ASTM D 2486</td><td>500 cycles</td><td>Pass</td></tr></table>                                                                                                                                                                                                                                                                                                                                                                                                                                       |                      |                 |         | Test Description                                                                                                                                                                                                                                                                                                                                                              | Test Method | Requirements | Results | Color (yellow) | Fed. Std. 595 #33538 | 6 CIE Lab | Pass | Fineness of Grind | ASTM D1210 | 3 Hegman min. | Pass | Dry Time No-Pick-Up | ASTM D711 | 10 minutes max. | Pass | Dry Through Early Washout | ASTM D1640 | <120 minutes | Pass | Flexibility | TT-P-1952F | Pass | Pass | Freeze-Thaw Resistance | TT-P-1952F | 3 cycles | Pass | Accelerated Package Stability | TT-P-1952F | <5 Ku change | Pass | Water Resistance | TT-P-1952F | Pass | Pass | Bleeding Ratio | ASTM D969 | 0.95 minimum | Pass | Dry Opacity | ASTM D2805 | 0.92 minimum | Pass | Abrasion Resistance | ASTM D968 | 150 liters min. | Pass | Scrub Resistance | ASTM D 2486 | 500 cycles | Pass | <p>Vehicle Type: Acrylic Latex Polymer</p> <p>Viscosity: 85 to 90 Ku</p> <p>Weight Solids: 77% ± 1%</p> <p>Volume Solids: 60% min</p> <p>Pigment Solids: 61% ± 1%</p> <p>Density (Weight per Gallon):<br/>13.85 ± 0.20 lbs/gal</p> <p>VOC (minus exemptions): 86 g/L<br/>(with exemptions): 60 g/L</p> <p>Dry time: No-Pick-Up: 5 – 10 minutes<br/>Dry Through: 10 – 15 minutes<br/>(Note: Applied film thickness, relative humidity and temperature will affect dry time)</p> <p><b>THIS PRODUCT IS MANUFACTURED TO MEET THE V.O.C. REQUIREMENTS SET FORTH IN FEDERAL EPA 40 CFR 59, SUBPART D, TABLE 1.</b></p> <p><b>Note:</b> These results represent actual control values when tested under laboratory conditions. To the best of our knowledge, the above technical data is true and accurate at the date of issuance but is subject to change without prior notice.</p> |  |
| Test Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Test Method          | Requirements    | Results |                                                                                                                                                                                                                                                                                                                                                                               |             |              |         |                |                      |           |      |                   |            |               |      |                     |           |                 |      |                           |            |              |      |             |            |      |      |                        |            |          |      |                               |            |              |      |                  |            |      |      |                |           |              |      |             |            |              |      |                     |           |                 |      |                  |             |            |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
| Color (yellow)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Fed. Std. 595 #33538 | 6 CIE Lab       | Pass    |                                                                                                                                                                                                                                                                                                                                                                               |             |              |         |                |                      |           |      |                   |            |               |      |                     |           |                 |      |                           |            |              |      |             |            |      |      |                        |            |          |      |                               |            |              |      |                  |            |      |      |                |           |              |      |             |            |              |      |                     |           |                 |      |                  |             |            |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
| Fineness of Grind                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | ASTM D1210           | 3 Hegman min.   | Pass    |                                                                                                                                                                                                                                                                                                                                                                               |             |              |         |                |                      |           |      |                   |            |               |      |                     |           |                 |      |                           |            |              |      |             |            |      |      |                        |            |          |      |                               |            |              |      |                  |            |      |      |                |           |              |      |             |            |              |      |                     |           |                 |      |                  |             |            |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
| Dry Time No-Pick-Up                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | ASTM D711            | 10 minutes max. | Pass    |                                                                                                                                                                                                                                                                                                                                                                               |             |              |         |                |                      |           |      |                   |            |               |      |                     |           |                 |      |                           |            |              |      |             |            |      |      |                        |            |          |      |                               |            |              |      |                  |            |      |      |                |           |              |      |             |            |              |      |                     |           |                 |      |                  |             |            |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
| Dry Through Early Washout                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ASTM D1640           | <120 minutes    | Pass    |                                                                                                                                                                                                                                                                                                                                                                               |             |              |         |                |                      |           |      |                   |            |               |      |                     |           |                 |      |                           |            |              |      |             |            |      |      |                        |            |          |      |                               |            |              |      |                  |            |      |      |                |           |              |      |             |            |              |      |                     |           |                 |      |                  |             |            |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
| Flexibility                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | TT-P-1952F           | Pass            | Pass    |                                                                                                                                                                                                                                                                                                                                                                               |             |              |         |                |                      |           |      |                   |            |               |      |                     |           |                 |      |                           |            |              |      |             |            |      |      |                        |            |          |      |                               |            |              |      |                  |            |      |      |                |           |              |      |             |            |              |      |                     |           |                 |      |                  |             |            |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
| Freeze-Thaw Resistance                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | TT-P-1952F           | 3 cycles        | Pass    |                                                                                                                                                                                                                                                                                                                                                                               |             |              |         |                |                      |           |      |                   |            |               |      |                     |           |                 |      |                           |            |              |      |             |            |      |      |                        |            |          |      |                               |            |              |      |                  |            |      |      |                |           |              |      |             |            |              |      |                     |           |                 |      |                  |             |            |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
| Accelerated Package Stability                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | TT-P-1952F           | <5 Ku change    | Pass    |                                                                                                                                                                                                                                                                                                                                                                               |             |              |         |                |                      |           |      |                   |            |               |      |                     |           |                 |      |                           |            |              |      |             |            |      |      |                        |            |          |      |                               |            |              |      |                  |            |      |      |                |           |              |      |             |            |              |      |                     |           |                 |      |                  |             |            |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
| Water Resistance                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | TT-P-1952F           | Pass            | Pass    |                                                                                                                                                                                                                                                                                                                                                                               |             |              |         |                |                      |           |      |                   |            |               |      |                     |           |                 |      |                           |            |              |      |             |            |      |      |                        |            |          |      |                               |            |              |      |                  |            |      |      |                |           |              |      |             |            |              |      |                     |           |                 |      |                  |             |            |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
| Bleeding Ratio                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ASTM D969            | 0.95 minimum    | Pass    |                                                                                                                                                                                                                                                                                                                                                                               |             |              |         |                |                      |           |      |                   |            |               |      |                     |           |                 |      |                           |            |              |      |             |            |      |      |                        |            |          |      |                               |            |              |      |                  |            |      |      |                |           |              |      |             |            |              |      |                     |           |                 |      |                  |             |            |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
| Dry Opacity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ASTM D2805           | 0.92 minimum    | Pass    |                                                                                                                                                                                                                                                                                                                                                                               |             |              |         |                |                      |           |      |                   |            |               |      |                     |           |                 |      |                           |            |              |      |             |            |      |      |                        |            |          |      |                               |            |              |      |                  |            |      |      |                |           |              |      |             |            |              |      |                     |           |                 |      |                  |             |            |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
| Abrasion Resistance                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | ASTM D968            | 150 liters min. | Pass    |                                                                                                                                                                                                                                                                                                                                                                               |             |              |         |                |                      |           |      |                   |            |               |      |                     |           |                 |      |                           |            |              |      |             |            |      |      |                        |            |          |      |                               |            |              |      |                  |            |      |      |                |           |              |      |             |            |              |      |                     |           |                 |      |                  |             |            |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
| Scrub Resistance                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ASTM D 2486          | 500 cycles      | Pass    |                                                                                                                                                                                                                                                                                                                                                                               |             |              |         |                |                      |           |      |                   |            |               |      |                     |           |                 |      |                           |            |              |      |             |            |      |      |                        |            |          |      |                               |            |              |      |                  |            |      |      |                |           |              |      |             |            |              |      |                     |           |                 |      |                  |             |            |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
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# 9511 YELLOW F/D LATEX SUPREME TRAFFIC MARKING PAINT

Longer Lasting - UV Resist Yellow

| Preparation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Application                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>The surface to be painted must be dry, free of grease and oil and brushed free of loose dirt. Striping paints will not adhere to unclean surfaces. Application equipment must be clean from all previous paint(s).</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <p>Mix paint thoroughly before using. Surfaces should be clean and free from dirt and debris. Newly sealed or asphalted surfaces should be allowed to cure before application. Paint only in dry weather with no forecast for rain. May be applied by a spray machine, roller or brush.</p>                                                                                                                                                                                                                                                                                                                                                     |
| Thinning                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <p>Thinning is normally not required, but a small amount of water may be added if needed. <u>Add water sparingly!</u> Diluting with water can reduce paint viscosity rapidly.</p> <p>DO NOT add gasoline, oil or any other petroleum-based products to waterborne paints.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <p>Application Rates: Apply at 15 mils. wet , 7.5 mils dry</p> <p>Coverage: Approx. 16 gallons will stripe a 4-inch line one mile.</p> <p>Glass beads can be broadcast at a rate of 4 - 6 pounds of beads per gallon. If spraying, do not mix beads directly into the paint.</p>                                                                                                                                                                                                                                                                                                                                                                |
| Drying Times                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Application Conditions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <p>Dry times are dependent upon weather conditions. The warmer the temperature, the faster the paint will cure. Direct sunlight will speed up dry times. For this product, a basic drying schedule is:</p> <p>10 min. (walk on) - 20 min. (drive on)</p> <p><i>Note: changes in weather conditions (ie. temp. dropping after application, cold surface temp.) can delay above cure times drastically.</i></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <p>Recommended application conditions: Apply between 50°F minimum and 90 °F and at least 5 °F above dew point with a relative humidity below 85%. Temperatures should remain above 50°F for a 24 hour period.</p>                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Safety Precautions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Application Equipment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <p><b>Always refer to the SDS (Safety Data Sheet) for Handling and Hazard conditions.</b> Keep away from open flame. Avoid prolonged or repeated contact with skin. Avoid breathing of vapors or spray mist. Do not take internally. Close container after each use. Wear respirator, eye protection and protective clothing when handling.</p> <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 5px; margin-right: 10px;"> <p><b>PERSONAL PROTECTIVE EQUIPMENT</b></p> <div style="display: flex; justify-content: space-around; align-items: center;">     </div> <div style="display: flex; justify-content: space-around; font-size: small;"> <p>Splash Goggles</p> <p>Gloves</p> <p>Synthetic Apron</p> <p>Dust and Vapor Respirator</p> </div> </div> <div style="border: 2px solid red; padding: 5px; margin-left: 10px; text-align: center;">  <p><b>KEEP FROM FREEZING</b></p> </div> </div>                                                                                                                                                                                                                                                                                                                                                                                       | <p><b>Spray Equipment:</b> The use of stainless steel spray equipment is strongly encouraged, due to the fact that an alkaline paint will "surface shock" when exposed to mild metals. Only stainless steel or plastic spray equipment should be used. Straining the paint when using spray equipment is ALWAYS recommended.</p> <p><b>Airless Sprayers:</b> Use pressure between 1500-2000 psi - with tip size between .015" - 0.19" (note: use the lowest pressure necessary to achieve a flat edge-line)</p> <p><b>Brush:</b> Use Nylon/Polyester Natural Bristle</p> <p><b>Roller:</b> Use 3/8" Shed-resistant cover with phenolic core</p> |
| <p>The following supersedes any provision contained in the forms, letters and papers of your company. This product is designed and intended for professional application only. All products should be thoroughly tested under application conditions prior to use. The information contained herein is believed to be reliable. <b>HOWEVER, RAE PRODUCTS &amp; CHEMICALS CORPORATION MAKES NO WARRANTY CONCERNING THIS PRODUCT, WHETHER EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.</b> UNDER NO CIRCUMSTANCES SHALL RAE PRODUCTS &amp; CHEMICALS CORP. BE LIABLE FOR SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR ANY OTHER DAMAGES FROM ALLEGED NEGLIGENCE, BREACH OF WARRANTY, STRICT LIABILITY, OR ANY OTHER LEGAL THEORY, ARISING OUT OF THE USE OR HANDLING OF THIS PRODUCT. THE SOLE REMEDY OF THE BUYER AND THE SOLE LIABILITY OF RAE PRODUCTS &amp; CHEMICALS CORP. FOR ANY CLAIMS SHALL BE LIMITED TO THE BUYER'S PURCHASE PRICE OF THE PRODUCT WHICH IS THE SUBJECT OF THE CLAIM OR THE AMOUNT ACTUALLY PAID FOR SUCH PRODUCT, WHICHEVER IS LESS. TECHNICAL ADVICE FURNISHED BY RAE PRODUCTS &amp; CHEMICALS CORP. SHALL NOT CONSTITUTE AN EXPRESS WARRANTY, WHICH IS EXPRESSLY DISCLAIMED. ALL TECHNICAL ADVICE GIVEN IS ACCEPTED AT THE RISK OF THE BUYER.</p> <p><b>CAUTION: DANGER! FLAMMABLE! VAPORS MAY CAUSE FLASH FIRE. VAPOR HARMFUL. HARMFUL OR FATAL IF SWALLOWED. INJURIOUS TO EYES. KEEP OUT OF THE REACH OF CHILDREN! BEFORE using this product it is essential to reference the SDS (Safety Data Sheet) or MSDS for product information as well as the Product Label for current product BATCH DATE. If your company has any questions or needs more information, please contact us.</b></p> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |



# SHERWIN-WILLIAMS.

## Pavement Markings Business Unit Price Quotation

101 W. Prospect Ave, 1500M | Cleveland, OH 44115 | Phone: 800-597-2929 |  
Email: hwyinsidesales@sherwin.com

|              |                      |                  |           |
|--------------|----------------------|------------------|-----------|
| Quote Number | 00002930             | Quote Date       | 2/12/2025 |
| Created By   | Joanna Carr          | Quote Start Date | 2/12/2025 |
| Quote Type   | Everyday Price Quote | Expiration Date  | 4/30/2025 |
| Status       | Draft                | Created Date     | 2/12/2025 |

### Account

|              |                           |                 |                                                          |
|--------------|---------------------------|-----------------|----------------------------------------------------------|
| Account Name | CITY OF WAUSAUMAIT Wausau | Billing Address | 407 GRANT ST<br>WAUSAU, Wisconsin 54403<br>United States |
|--------------|---------------------------|-----------------|----------------------------------------------------------|

| Product Number | Product Description | Packaging | Product UOM | Quantity | Gallons / Lbs | 30 Day Extended Price Per UOM | 30 Day Extended Price per Ton/Container |
|----------------|---------------------|-----------|-------------|----------|---------------|-------------------------------|-----------------------------------------|
| 5.0TM2570-27   | HL WB WI WT         | DRUM      | EA          | 12.00    | 660.00        | USD 13.00                     | USD 8,580.00                            |
| 5.0TM2571-27   | HL WB WI YL         | DRUM      | EA          | 13.00    | 715.00        | USD 12.75                     | USD 9,116.25                            |

↳ could not find verification  
that this paint meets spec.

~~30 Day Extended~~ USD 17,696.25  
Price per Ton/Cont  
Total

We thank you for your consideration of Sherwin-Williams products and look forward to supplying these products to you.

To place an order, please email your purchase order to Sales Services at [hwyinsidesales@sherwin.com](mailto:hwyinsidesales@sherwin.com).

|             |                                                                      |
|-------------|----------------------------------------------------------------------|
| Prepared By | Joanna Carr                                                          |
| Phone       | 800-597-2929                                                         |
| Email       | <a href="mailto:joanna.carr@sherwin.com">joanna.carr@sherwin.com</a> |
| Fax         | (216) 263-1590                                                       |

|              |                           |
|--------------|---------------------------|
| Bill To Name | CITY OF WAUSAUMAIT Wausau |
|--------------|---------------------------|

101 W. Prospect Ave, 1500M | Cleveland, OH 44115 | Phone: 800-597-2929

**NOTICE:** Please take notice that the quotation set forth above is for information purposes only, is not a contract or an offer to contract, and is subject to and conditioned upon acceptance by The Sherwin-Williams Company of an applicable purchase order. Pricing is subject to change without notice. The pricing and recommendations detailed in this proposal represent confidential information provided by The Sherwin-Williams Company to you, and by receipt of this quotation, you agree to not copy or share this quotation with others outside of your firm.

### Terms & Conditions of Sale:

- A regulatory surcharge will be added to each order. Please contact your sales representative for details.
- Net 30, No Discount
- Quoted prices reflect these discounts.
- \*\*Check must be received by Sherwin-Williams before the 30th or 60th calendar day from date of invoice for discounted prices to be honored.
- Account balance must be current for discounts to be honored.
- Prices based on truckload quantities, shipments less than truckload are subject to additional freight charges.
- Payment Terms are specified on each invoice. Failure to comply with these terms could result in my account being placed on hold and that a late fee of 7% of the invoice amount or the maximum amount permitted by applicable law (whichever is less) shall be charged for all amounts past due.

didn't check on amount  
paint didn't meet spec.



**SHERWIN-WILLIAMS.**

**Pavement Markings Business Unit Price Quotation**

101 W. Prospect Ave, 1500M | Cleveland, OH 44115 | Phone: 800-597-2929 |  
Email: hwyinsidesales@sherwin.com

Bill To 407 GRANT ST  
WAUSAU, Wisconsin 54403  
United States

Notes Pricing is valid for orders shipped by 4/30/25.  
Freight is included for the quantity listed. Please  
let me know if you have any questions.

F.O.B. Location Destination

Freight Terms Prepaid

101 W. Prospect Ave, 1500M | Cleveland, OH 44115 | Phone: 800-597-2929

**NOTICE:** Please take notice that the quotation set forth above is for information purposes only, is not a contract or an offer to contract, and is subject to and conditioned upon acceptance by The Sherwin-Williams Company of an applicable purchase order. Pricing is subject to change without notice. The pricing and recommendations detailed in this proposal represent confidential information provided by The Sherwin-Williams Company to you, and by receipt of this quotation, you agree to not copy or share this quotation with others outside of your firm.

**Terms & Conditions of Sale:**

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## HIGHWAY PRODUCTS

07/16

### **HOTLINE® FAST DRY WATERBORNE PAVEMENT MARKING PAINTS TM2196 WHITE TM2197 YELLOW**

*not what was  
included in Quote.*

#### **PRODUCT DESCRIPTION:**

**HOTLINE® Waterborne, TM2196 White and TM2197 Lead-Free Yellow** are fast drying waterborne traffic paints made with some of the most advanced resin technology on the market today. These products meet or exceed all the requirements of the following Specifications:

- **Federal Specification TT-P-1952D, E and F Type I/II Specs. for Waterborne Traffic and Airfield Marking Paints**
- **New York DOT Section 640 ReflectORIZED Pavement Marking Paints**
- **Rhode Island DOT White and Yellow Fast-Drying Waterborne Pavement Marking Paint, Specification RIC 9618, T.09.9901 to T.09.9916 (REV September 25, 1995),**
- **Connecticut DOT Form 816 Supplemental Specifications (July 2015), Section M.07.20 and M.07.21.**

The outstanding characteristics of these products include; low VOC's (~100 gr/L), superior early wash-out resistance and more consistent drying times even in high humidity conditions. Both the white and yellow products are formulated with non-lead containing pigments.

#### **USES:**

These products are used primarily for long line striping applications on streets and highways. Other possible uses include: auxiliary markings such as stop bars and crosswalks, marking airfields and for striping parking lots.

#### **APPLICATION:**

HOTLINE® Fast Dry Waterborne Pavement Marking Paints are designed primarily for application through long-line striping trucks which have been properly equipped to apply waterborne traffic paints. Of particular importance is the need for metal parts to be stainless steel, hoses to have proper chemical resistance to the unique high pH properties of the latex resins being used, and a heating system which provides adequate heat with appropriate controls. Although airless is the recommended method of application, both airless and air atomizing striping equipment can be used.

#### **APPLICATION CONDITIONS:**

Surfaces should be clean, dry and free from loose or peeling paint. HOTLINE® Fast Dry Waterborne Pavement Marking Paints perform best when applied at air and surfaces temperatures of 50°F and rising. Do not apply below 45°F. Moisture in the road surface can cause premature failure. The presence of concrete sealers or other residue on new concrete surfaces may interfere with adhesion and must be removed.

Most previously painted lines may be repainted without additional surface preparation provided the old paint is still tightly adhered to the surface. Multiple layers of paint may eventually build and begin to peel or chip. Removal of the existing paint line will be required in these areas.

**APPLICATION CONDITIONS (cont.):**

New asphalt surfaces, particularly parking lots, should be allowed to age several months before striping with Waterborne Pavement Marking Paint. Waterborne paint does not normally bleed on new asphalt, but shrinkage of the paint film during the curing (drying) process may cause new asphalt to lift or crack at the edges of the paint line. Exceeding the recommended film thickness will increase the possibility of asphalt lifting. Road surfaces are less susceptible to the occurrence of this lifting problem but should still be monitored.

**APPLICATION RATES:**

HOTLINE® Fast Dry Waterborne Pavement Marking Paints, TM2196 and TM2197 should be applied at 14 - 16 mils wet film thickness. A flat, uniform paint line with an even distribution of paint and glass beads (6 #/gal) should dry in 120 seconds or less. Application rates of more than 16 mils wet film thickness may extend the service life of the product but may also result in extended drying times.

**THINNING & CLEANUP:**

Thinning of HOTLINE® Fast Dry Waterborne Pavement Marking Paints is not normally required. If thinning is necessary, thin only with clean water, not to exceed four ounces per gallon. Any water added will slow the dry time.

Wet paint may be cleaned up with water. Once the paint is dry, solvent will be required to remove the paint film. Most typical paint solvents (e.g. xylene, acetone) may be used for this purpose. Care must be taken to avoid solvent contamination in waterborne paints.

**PRECAUTIONS:**

**FOR INDUSTRIAL USE ONLY. SEE MATERIAL SAFETY DATA SHEETS. READ AND FOLLOW WARNING LABELS ON PACKAGES.**

Painted surfaces can become slippery when wet. Traffic paints are not intended for use as floor paints. Do not use on pedestrian walkways or large surfaces such as ramps, floors and stairs which may become slippery when wet.

**TYPICAL TEST DATA**

| TEST                        | TM2196        | TM2197       |
|-----------------------------|---------------|--------------|
| Wt. Per Gal.                | 14.1 lbs./gal | 13.8 lbs/gal |
| Viscosity                   | 85 KU         | 85 KU        |
| Total Solids                | 77.5%         | 76.9%        |
| Pigment %                   | 61.7%         | 60.8%        |
| Contrast Ratio @ 5 mils     | 0.968         | 0.965        |
| Reflectance                 | 84.0 min.     | 50.0 min.    |
| Dry to No Pick-up @ 15 mils | 10' max.      | 10' max.     |

All information, recommendations and suggestions appearing in this bulletin concerning the use of our products are based on tests and data believed to be reliable. However it is the user's responsibility to determine the suitability for his own use of the products described herein. Since the actual use by others is beyond our control, no guarantee, expressed or implied, is made by the Sherwin-Williams Company as to the effects of such use or the results obtained, nor does the Sherwin-Williams Company assume any liability arising out of the use, by others, of the products referred to herein. Nor is the information referred to herein to be construed as absolutely complete since additional information may be necessary or desirable when particular or exceptional conditions or circumstances exist or because of applicable laws or government regulations. Nothing herein contained is to be construed as permission or as a recommendation to infringe any patent.



## HIGHWAY PRODUCTS

05/17

### **SHER-FLIGHT® WATERBORNE PAVEMENT MARKING PAINT**

**TM2248 WHITE**

**TM2259 YELLOW**

**TM2222 RED**

**TM2221 BLACK**

*not what was on  
the quote*

#### **PRODUCT DESCRIPTION:**

**SHER-FLIGHT® TM2248, TM2259, TM2222, TM2221** are fast drying waterborne traffic paints made with some of the most advanced resin technology on the market today. These products conform to the current VOC regulations and the requirements of **Federal Specification TT-P-1952D, E, and F types I and II.**

The outstanding characteristics of these products include: low VOC, superior early wash-out resistance, and more consistent drying times even in high humidity conditions. These products are formulated with non-lead containing pigments.

#### **USES:**

These products are used for long line striping applications on streets and highways, auxiliary markings such as stop bars and crosswalks, marking airfields, and for striping parking lots. Check the FAA website for Buy American Exemption status when using on FAA jobs.

#### **APPLICATION:**

**SHER-FLIGHT®** Waterborne Pavement Marking Paints are designed for application through long-line striping trucks or walk-behind striping machines which have been properly equipped to apply waterborne traffic paints. Of particular importance is the need for metal parts to be stainless steel and hoses to have proper chemical resistance to the unique high pH properties of the latex resins being used. Both air atomized and airless striping equipment can be used.

#### **APPLICATION CONDITIONS:**

Surfaces should be clean, dry and free from loose or peeling paint. **SHER-FLIGHT®** Waterborne Pavement Marking Paints perform best when applied at air and surfaces temperatures of 50°F and rising. Application of these products at temperatures between 40°F and 50°F may result in reduced service life. Do not apply below 40°F. Moisture in the road surface can cause premature failure. The presence of concrete sealers or other residue on new concrete surfaces may interfere with adhesion and must be removed.

Most previously painted lines may be repainted without additional surface preparation, provided the old paint is still tightly adhered to the surface. Multiple layers of paint may eventually build and begin to peel or chip. Removal of the existing paint line will be required in these areas. New asphalt surfaces, particularly parking lots, should be allowed to age several months before striping with Waterborne Pavement Marking Paint. Waterborne paint does not normally bleed on new asphalt, but shrinkage of the paint film during the curing (drying) process may cause new asphalt to lift or crack at the edges of the paint line. Exceeding the recommended film thickness will increase the possibility of asphalt lifting. Road surfaces are less susceptible to the occurrence of this lifting problem but should still be monitored.

#### **APPLICATION RATES:**

TM2248, TM2259, TM2222, TM2221 should be applied at 14-16 mils wet film thickness. A flat, uniform paint line with an even distribution of paint should dry in 3 minutes or less. Application rates of more than 16 mils wet film thickness may extend the service life of the product but may also result in extended drying times. Glass beads, when used, should be drop-on applied at approximately 20 pounds per gallon of paint.

#### **THINNING & CLEANUP:**

Thinning **SHER-FLIGHT®** Waterborne Pavement Marking Paints is not normally required. If thinning is necessary, thin only with clean water, not to exceed four ounces per gallon. Any water added will slow the dry time.

Wet paint may be cleaned up with water. Once the paint is dry, solvent will be required to remove the paint film. Most typical paint solvents (e.g. xylene, acetone) may be used for this purpose. Care must be taken to avoid solvent contamination in waterborne paints.

#### **PRECAUTIONS:**

**FOR INDUSTRIAL USE ONLY. SEE MATERIAL SAFETY DATA SHEETS. READ AND FOLLOW WARNING LABELS ON PACKAGES.**

Painted surfaces can become slippery when wet. Traffic paints are not intended for use as floor paints. Do not use on pedestrian walkways or large surfaces such as ramps, floors and stairs which may become slippery when wet.

#### **TYPICAL PROPERTIES**

|                      | White         | Yellow        | Red           | Black         |
|----------------------|---------------|---------------|---------------|---------------|
| <b>TEST</b>          | <b>TM2248</b> | <b>TM2259</b> | <b>TM2222</b> | <b>TM2221</b> |
| Viscosity            | 80-90KU       | 80-90KU       | 80-90KU       | 80-90KU       |
| Pigment              | 60-62%        | 60-62%        | 60-62%        | 60-62%        |
| Total Solids         | 75% min.      | 75% min.      | 75% min.      | 75% min.      |
| Dry Opacity @ 5 mils | 0.92 min.     | 0.92 min.     | 0.92 min.     | 1.0 min.      |
| DNPU (field)         | 3' max        | 3' max        | 3' max        | 3' max        |
| Color (Fed Std 595)  | 37925         | 33538         | 31136         | 37038         |

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