



PRODUCT DATA SHEET
PROD. #3001
ALKYD TRAFFIC MARKING PAINT



PRODUCT DESCRIPTION

Richard's Alkyd White Traffic Marking Paint is a fast drying, extremely durable traffic marking coating formulated for a variety of applications. It provides superior resistance to road oils, water and salts, which is commonly used for removing ice from roadways. It provides excellent visibility characteristics for roadways, crosswalks, safety zones, etc. Glass beads may be sifted onto the coating surface immediately after it has been applied to obtain a more reflective value to improve night visibility. Formulated to meet Federal Specification TT-P-85E for quality and performance and contains no lead pigments.

PRODUCT FEATURES	PRODUCT USES	PERFORMANCE QUALITIES								
<ul style="list-style-type: none"> Fast Drying Excellent Durability Resists Road Oils Resists Road Salts Provides Excellent Visibility Excellent Product Versatility Contains No Lead Pigments Applies Easily 	<p><i>Suitable for, but not limited to application on the following properly prepared surfaces;</i></p> <p>EXTERIOR</p> <table> <tr> <td>All Roadways</td> <td>Factories</td> </tr> <tr> <td>Parking Garages</td> <td>Warehouses</td> </tr> <tr> <td>Parking Lots</td> <td>Safety Zones</td> </tr> <tr> <td>Loading Docks</td> <td>Crosswalks</td> </tr> </table> <p>For Exterior Use Only!</p>	All Roadways	Factories	Parking Garages	Warehouses	Parking Lots	Safety Zones	Loading Docks	Crosswalks	<p>Product Quality: Commercial / Professional</p> <p>Product Use: Exterior</p> <p>Application Methods: Brush, Roller & Airless Spray</p> <p>Product System: Solvent-Based</p> <p>Sheen: Flat</p> <p>VOC Compliance: AIM</p> <p>Federal Standards: TT-P-85E</p>
All Roadways	Factories									
Parking Garages	Warehouses									
Parking Lots	Safety Zones									
Loading Docks	Crosswalks									

SURFACE PREPARATION

General: The entire surface area to be painted should be clean, dry, sound, and free from dirt, grease, oils, waxes, mildew and any other surface contaminants that may adversely affect the performance of this coating material.

- Remove loose dirt and debris by thoroughly sweeping the surface, or by use of a powerful leaf or commercial blower. Surface areas affected by large amounts of engine oil build-up, grease, etc., may require a power washing and/or cleaning with a commercial degreaser product.
- Most previously painted lines in good condition may be repainted without any additional surfaced prep. Remove any loose scale, or peeling paint by hand scraping, wire brushing or power tool cleaning methods, such as power washers or rotary power wire brushes.
- New concrete surfaces should be allowed to properly dry & cure for approximately 30 - 90 days, as per standard industry requirements. This will allow any concrete sealers, dryers and curing agents to sufficiently dissipate from the substrate, thus minimizing any paint failures.
- All new asphalt surfaces should also be allowed to properly cure before product application. The majority of new asphalt surface require a minimum of two (2) weeks to cure, however, depending on the blend of asphalt to aggregate, proper curing times may vary.
- Surfaces rich in asphalt may have a tendency to bleed through paint coatings. On these types of surfaces, it is recommended to apply a thin coat application at approximately 4 - 5 mils and allowed to cure for 1 week, then, apply a second coat at approximately 10 - 15 mils.
- Allow freshly applied pavement and asphalt sealers to cure for at least 24 hours prior to applying this coating.
- WARNING!** If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and wet mop. Before you start, find out how you can protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-Lead, or log onto www.epa.gov/lead.

PRODUCT ANALYSIS DATA

PIGMENT: 58.80%

VEHICLE: 41.20%

MORE DETAILED PRODUCT ANALYSIS DATA IS AVAILABLE UPON REQUEST.

TECHNICAL DATA

- COLORS:** White
- TINTING:** Not Recommended
- VEHICLE TYPE:** Alkyd
- VISCOSITY:** 85 KU ± 2
- GLOSS @ 60°:** Flat / 0 – 5 units
- FLASH POINT:** 107° F
- VOC:** Not to Exceed 450 g/l – 3.78 lb/gal (Meets AIM Standards)
- SOLIDS:** By Volume: 48.25% ± 2%
By Weight: 72.34% ± 2%
- COVERAGE:** 100 – 250 Sq. Ft. / Gal. (Coverage will vary significantly depending on application method, surface porosity and condition of the surface.)
- MIL FILM:** Estimated @ 200 Sq. Ft. / Gal.
Wet: 8.0 mils **Dry:** 3.9 mils
- DRY TIME:** (@ 70° F & 50% Relative Humidity)
To Touch: 15 – 30 Minutes
Recoat: 1 Hour
(Dry times listed may vary according to relative humidity, temperature, film build, color and air movement.)
- CLEAN UP:** Mineral Spirits
- THINNING:** Do Not Thin!

RECOMMENDED PRIMER COATINGS

Formulated to be self-priming on most properly prepared new and painted surfaces in good condition.

- **New Asphalt:**
 - Self-Priming
- **New Concrete:**
 - Self-Priming
- **Previously Painted Surfaces:**
 - Self-Priming

APPLICATION EQUIPMENT

- **Brush Application:** Apply using quality nylon, polyester or combination nylon/polyester, or a quality natural china bristle brush.
- **Roller Application:** Apply using a smooth - medium nap synthetic, lamb's wool or mohair roller cover, depending on texture or surface porosity.
- **Spray Application:**
 - **Pump:** Gas or Electric Airless Sprayer
 - **Pressure:** Minimum 2500 – 3000 PSI
 - **Tip:** 0.019 – 0.021 Reversible
 - **Hose:** ¼ inch (6.3 mm) - ¾ inch (10 mm)

PACKAGING & WEIGHT PER GALLON

- **Packaging:**

Quarts – N/A	Gallons – 4/case
2 Gallons – N/A	5 Gallons - Each
- **Weight per Gallon:** 12.10 lbs.

CLEAN UP & THINNING INSTRUCTIONS

Clean Up: Clean up any minor spills and splatters immediately with **Mineral Spirits**, as well as all painting tools and airless equipment. More serious paint spills should be contained and removed with inert absorbent material. Dispose of contaminated absorbent, container, and unused contents in accordance with local, state and federal regulations.

Thinning: Stir thoroughly and apply as it comes from the container. Thinning is not necessary. However, if thinning is required, you may add **Mineral Spirits**.

WARRANTY & LIMITATIONS

The technical information contained herein is accurate to the best of our knowledge. All warranties are excluded, whether expressed or implied, by operation of law or otherwise, including all implied warranties of merchantability or fitness for a particular purpose. Seller shall not be liable, directly or indirectly, under any circumstances for consequential, incidental, special or any other type of damages arising or resulting for any reason under the sale, handling, or use of goods sold. Seller's liability hereunder, and buyer's exclusive remedy hereunder, for negligence or any other reason, is expressly limited to reimbursement of the purchase price of the materials sold after proof of purchase is provided to the seller. Notice of any alleged failure or defect in the material must be given to the seller in writing by certified U.S. mail within 15 days of noticing the problem. Failure to give the required notice within the time provided constitutes a waiver of any claim. The Manufacturer is not responsible for any misrepresentation made by the Dealer.

REV 12-14

PRODUCT APPLICATION – General

Richard's Alkyd Traffic Marking Paint may be easily applied with a quality brush, roller cover, or airless spray equipment as follows;

- All traffic should be properly blocked off until applied coating is free from pick-up.
- Stir thoroughly in a spiral up and down motion before and during application to keep product completely mixed.
- If applying by brush, apply a smooth and generous coat on smaller surface areas, and cutting in larger surface areas, such as stairways, safety zones, curbing, or line striping.
- If applying by roller cover, apply an even and generous coat in a "W" or crisscross motion for larger surface areas, avoiding any excessive re-spreading or reworking. For line striping, use a 3" to 4" smooth to medium nap roller cover.
- Brush and roller paint application may require multiple coat application to acquire a minimum of 5.0 mil dry film thickness, (DFT).
- When applying by airless spray equipment, use a unit with a minimum of 2500 - 3000 psi of pressure, with a 0.019 – 0.021 fluid spray tip.
- Apply in such a manner as to yield a minimum 15 mil wet film thickness, (WFT), or 4.6 – 5.0 dry film thickness, (DFT).
- During spray application on larger surface areas, it may be required to back-roll the surface area to ensure proper adhesion, an even coat application.
- Maintain a wet edge during application by brushing, rolling or spraying into previously applied coating area.
- Apply when surface and ambient temperatures are above 55° F and below 90° F.
- Avoid exterior paint application when weather conditions are threatening, and late in the day when there is a threat of moisture condensing on wet paint.

PRODUCT LIMITATIONS

- Not for use in corrosive or chemical environments.
- Not for use in areas subject to intense heat.
- Not for use on below grade substrates.
- Not for use as an "Anti-Slip" coating

PRECAUTIONARY & SAFETY INFORMATION

CAUTIONS: COMBUSTIBLE! Keep away from heat, sparks and open flames. **INSURE PROPER CROSS-VENTILATION UNTIL COATING HAS DRIED!** Where ventilation is inadequate, use a suitable respirator. Turn off main gas valve until after coating has dried, then have pilot lights re-lighted by a responsible person. Avoid prolonged contact with skin and breathing of vapors and/or spray mists. When spraying this material, use an **OSHA** approved cartridge respirator. Use chemical safety glasses, goggles, or a face shield for proper eye protection. Wash thoroughly after handling and before eating or smoking. Close container after each use. **DO NOT TAKE INTERNALLY!**

FIRST AID: In case of skin contact, wash thoroughly with plenty of warm soapy water. For eye contact, flush with plenty of water for 15 minutes and get medical attention immediately. If you experience difficulty breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical attention immediately. If swallowed, do not induce vomiting, get medical attention immediately.

NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents herein may be harmful or fatal.

KEEP OUT OF REACH OF CHILDREN!