




2493 WHITE CHLORINATED RUBBER TRAFFIC & ZONE MARKING PAINT

Specification: IL M-122 Type

Product Description				Recommended Uses																																																			
<p>2493 WHITE CHLORINATED RUBBER TRAFFIC PAINT is a moderately fast drying marking paint made with real rubber for superior film builds and better resistance to traffic wear and weather. Designed for professional commercial contractors, government municipalities and military use.</p> <ul style="list-style-type: none"> Formulate to Meet: IL M-122 Type Specification Formulated for Brush, Spray, or Roller Ready to Spray - No Reduction Needed <p><i>Note: To comply with various VOC regulatory requirements and the federal Clean Air Act, RAE Products has replaced 2493 with a Low VOC acetone based product - 7493. Please refer to this new product if your area falls under the less than 150 g/l VOC regulations.</i></p>				<p>This product has been designed for painting centerlines, edgelines, curbs, highways, airport runways, medians, parking lots, crosswalks, traffic aisles, storage zones, stop zones, auxiliary markings, etc.</p> <p>Use on concrete, asphalt, and brick. Exterior and Interior. Can be used with glass beads for added reflectance. <i>Recommended for restriping of previously painted lines.</i> Available in Yellow, White, Blue, Red, and Black.</p>																																																			
Performance Characteristics				Product Characteristics																																																			
<p>Specification: IL M-122 Type</p> <table border="1"> <thead> <tr> <th>Test Description</th> <th>Test Method</th> <th>Requirements</th> <th>Results</th> </tr> </thead> <tbody> <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 E97</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>Flexibility</td> <td>ASTM D522</td> <td>Pass</td> <td>Pass</td> </tr> <tr> <td>Consistency</td> <td>ASTM D562</td> <td>70 - 85 Ku</td> <td>Pass</td> </tr> <tr> <td>Accelerated Package Stability</td> <td>ASTM D1849</td> <td><5 Ku change</td> <td>Pass</td> </tr> <tr> <td>Water Resistance</td> <td>ASTM D1306</td> <td>Pass</td> <td>Pass</td> </tr> <tr> <td>Bleeding Ratio</td> <td>ASTM D969</td> <td>0.90 min</td> <td>Pass</td> </tr> <tr> <td>Dry Opacity</td> <td>Fed-Std-141</td> <td>0.92 min</td> <td>Pass</td> </tr> <tr> <td>Accelerated Weathering</td> <td>ASTM G53</td> <td>Pass</td> <td>Pass</td> </tr> </tbody> </table> <p><i>Note: These results in Performance & Product Characteristics 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.</i></p>				Test Description	Test Method	Requirements	Results	Color (white)	Fed. Std. 595 #37925	6 CIE Lab	Pass	Reflectance	ASTM E97	85% minimum	Pass	Fineness of Grind	ASTM D1210	3 Hegman min.	Pass	Dry Time No-Pick-Up	ASTM D711	10 minutes max.	Pass	Flexibility	ASTM D522	Pass	Pass	Consistency	ASTM D562	70 - 85 Ku	Pass	Accelerated Package Stability	ASTM D1849	<5 Ku change	Pass	Water Resistance	ASTM D1306	Pass	Pass	Bleeding Ratio	ASTM D969	0.90 min	Pass	Dry Opacity	Fed-Std-141	0.92 min	Pass	Accelerated Weathering	ASTM G53	Pass	Pass	<p>Vehicle Type: Chlorinated Rubber Alkyd Blend</p> <p>Viscosity: 75 to 85 Ku</p> <p>Weight Solids: 74.44% minimum</p> <p>Volume Solids: 52.42% minimum</p> <p>Density (Weight per Gallon): 12.23 ± 0.20 lbs/gal</p> <p>VOC: 376 g/L</p> <p>Dry time: No-Pick-Up: <10 minutes Dry Through: <25 minutes</p> <p><i>(Note: Applied film thickness, relative humidity and temperature will affect dry time)</i></p> <p>Shelf Life: 12 months if unopened and stored in a cool area.</p> <p><i>This product does not contain mercury, lead, hexavalent chromium, toluene, chlorinated solvents, hydrolysable chlorine derivatives, or carcinogens as defined in 29 CFR 1910.1200.</i></p>			
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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. New sealed or asphalt 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> <p>Application Rates: Apply at 12-15 mils. wet , 7.5 mils dry Coverage: Approx. 400 linear ft./gal. with a 4" stripe Approx. 90 ft²/gallon (20 gal. = 1 mile @ 4")</p> <p>Glass beads can be broadcast or mixed into paint at a rate of 4 - 6 pounds of beads per gallon. If spraying, do not mix beads directly into paint.</p>										
Thinning											
<p>Thinning is not required, and is not recommended. Dilution can adversely affect film build, appearance and adhesion. DO NOT add gasoline, oil or any other petroleum-based products.</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 style="text-align: center;">15 min. (walk on), 40 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 40°F minimum and 90 °F and at least 5 °F above dew point with a relative humidity below 85%. Best if applied at surface and ambient temperatures of 50°F and above.</p>										
Safety Precautions	Application Equipment										
<p>Always refer to the MSDS for Handling and Hazard conditions. 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; justify-content: space-around; align-items: center;">  <table border="1" data-bbox="524 1430 732 1633"> <tr><td colspan="2">PAINT 3 UN1263 PGII</td></tr> <tr><td>HEALTH</td><td style="text-align: center;">2</td></tr> <tr><td>FLAMMABILITY</td><td style="text-align: center;">3</td></tr> <tr><td>PHYSICAL HAZARD</td><td style="text-align: center;">0</td></tr> <tr><td>PERSONAL PROTECTION</td><td style="text-align: center;"><input checked="" type="checkbox"/></td></tr> </table> </div>	PAINT 3 UN1263 PGII		HEALTH	2	FLAMMABILITY	3	PHYSICAL HAZARD	0	PERSONAL PROTECTION	<input checked="" type="checkbox"/>	<p>Spray Equipment: Always purge spray equipment of cleaning solvent before using this product. Recommended cleaning solvent: Toluene</p> <p>Airless Sprayers: 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><i>Note: It is recommended to keep separate sprayers for latex and solvent based paints. If the same spray machine is used for both types of paint extra care must be taken to avoid cross-contamination. Latex and solvent based paints are NOT COMPATIBLE.</i></p> <p>Brush: Use Nylon/Polyester Natural Bristle</p> <p>Roller: Use 3/8" Shed-resistant cover with phenolic core</p>
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