2493 WHITE CHLORINATED RUBBER
TRAFFIC & ZONE MARKING PAINT

Specification: IL M-122 Type

Product Description

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.

- Formulate to Meet: ILM-122 Type Specification
- Formulated for Brush, Spray, or Roller
- Ready to Spray - No Reduction Needed

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.

Recommended Uses

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.

Use on concrete, asphalt, and brick. Exterior and Interior. Can be used with glass beads for added reflectance. Recommended for restriping of previously painted lines. Available in Yellow, White, Blue, Red, and Black.

Product Characteristics

Vehicle Type: Chlorinated Rubber Alkyd Blend

Viscosity: 75 to 85 Ku
Weight Solids: 74.44% minimum
Volume Solids: 52.42% minimum
Density (Weight per Gallon): $12.23 \pm 0.20$ lbs/gal
VOC: 376 g/L

Dry time: No-Pick-Up: <10 minutes
Dry Through: <25 minutes
(Note: Applied film thickness, relative humidity and temperature will affect dry time)

Shelf Life: 12 months if unopened and stored in a cool area.

This product does not contain mercury, lead, hexavalent chromium, toluene, chlorinated solvents, hydrolysable chlorine derivatives, or carcinogens as defined in 29 CFR 1910.1200.

Performance Characteristics

Specification: IL M-122 Type

<table>
<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. S95 #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>&lt;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>

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.

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CAUTION: DANGER! EXTREMELY 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 that the "Material Safety Data Sheet" describing the product as well as the "Product Label" be reviewed. If your company does not have such information or has any questions, contact RAE Products at 1-708-396-1984 or refer to data at www.raeproducts.net

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PDS-2493

REVISION DATE: 03/10/10
The surface to be painted must be dry, free of grease and oil and brushed free of loose dirt. Application equipment must be clean from all previous paint(s).

Striping paints will not adhere to unclean surfaces. 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.

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.

### Thinning
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.

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:

- 15 min. (walk on), 40 min. (drive on)

Note: changes in weather conditions (ie. temp. dropping after application, cold surface temp.) can delay above cure times drastically.

### Application Conditions
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.

### Application Equipment

**Spray Equipment:** Always purge spray equipment of cleaning solvent before using this product. Recommended cleaning solvent: Toluene

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)

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.

**Brush:** Use Nylon/Polyester Natural Bristle

**Roller:** Use 3/8" Shed-resistant cover with phenolic core

### Safety Precautions
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.

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