




4909 RED ACRYLIC LATEX TRAFFIC MARKING PAINT

Low VOC - Bright Red

| Product Description | | | | Recommended Uses | | | |
|--|----------------------|-------------------|---------|--|--|--|--|
| <p>4909 RED LATEX TRAFFIC MARKING PAINT is 100% latex acrylic (waterborne), designed for excellent durability, build and hiding properties.</p> <ul style="list-style-type: none"> Meets Federal Specification TT-P-1952B Formulated for Brush, Spray, or Roller Meets federal & state VOC regulations. | | | | <p>This product has been designed for painting fire zones, edgelines, curbs, auxiliary markings of highways, runways, running tracks, medians, parking lots, traffic aisles, etc.</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 sealcoat or asphalt. <i>It is not recommended for restriping of previously striped lines.</i> Available in Yellow, White, Blue, Red, and Black.</p> | | | |
| Performance Characteristics | | | | Product Characteristics | | | |
| <p>Meets TT-P-1952B Federal Specification</p> <p><i>Note: This product also meets the Requirements of Fed. Spec TT-P-1952D type I - with the exception of "Dry Time No-Pick-Up"</i></p> | | | | <p>Vehicle Type: Acrylic Latex Polymer</p> <p>Viscosity: 82 to 85 Ku</p> <p>Weight Solids: 55.00% minimum</p> <p>Volume Solids: 40.00% minimum</p> <p>Density (Weight per Gallon): 11.95 ± 0.20 lbs/gal</p> <p>VOC (minus water): 68 g/L</p> <p>VOC (with water): 31 g/L</p> <p>Dry time: No-Pick-Up: 35 – 45 minutes Dry Through: 75 – 85 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> | | | |
| Test Description | Test Method | Requirements | Results | | | | |
| Color (red) | Fed. Std. 595 #31136 | 6 CIE Lab | Pass | | | | |
| Fineness of Grind | ASTM D1210 | 3 Hegman min. | Pass | | | | |
| Dry Time No-Pick-Up | ASTM D711 | 75 minutes max. | Pass | | | | |
| Flexibility | ASTM D522 | Pass | Pass | | | | |
| Freeze-Thaw Resistance | ASTM D2243 | 5 cycles | Pass | | | | |
| Accelerated Package Stability | ASTM D1849 | <5 Ku change | Pass | | | | |
| Water Resistance | TT-P-1952B | Pass | Pass | | | | |
| Bleeding Ratio | ASTM D969 | 0.95 min | Pass | | | | |
| Scrub Resistance | ASTM D2486 | 400 cycles | Pass | | | | |
| Dry Opacity | ASTM D2805 | 0.95 minimum | Pass | | | | |
| Abrasion Resistance | ASTM D968 | 65 liters minimum | Pass | | | | |
| <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> | | | | | | | |
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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</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> | | | | | | | | |
| <p style="text-align: center;">Thinning</p> <p>Thinning is normally not required, but a small amount of water may be added if needed. <i>Add water sparingly!</i> Diluting with water can reduce paint viscosity rapidly. 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 Coverage: Approx. 400 linear ft./gal. with a 4" stripe</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> | | | | | | | | |
| <p style="text-align: center;">Drying Times</p> <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;">20 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 style="text-align: center;">Application Conditions</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> | | | | | | | | |
| <p style="text-align: center;">Safety Precautions</p> <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="532 1472 740 1640"> <tr><td>HEALTH</td><td style="text-align: center;">1</td></tr> <tr><td>FLAMMABILITY</td><td style="text-align: center;">0</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;">☒</td></tr> </table> </div> | HEALTH | 1 | FLAMMABILITY | 0 | PHYSICAL HAZARD | 0 | PERSONAL PROTECTION | ☒ | <p style="text-align: center;">Application Equipment</p> <p>Spray Equipment: 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>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>Brush: Use Nylon/Polyester Natural Bristle</p> <p>Roller: Use 3/8" Shed-resistant cover with phenolic core</p> |
| HEALTH | 1 | | | | | | | | |
| FLAMMABILITY | 0 | | | | | | | | |
| PHYSICAL HAZARD | 0 | | | | | | | | |
| PERSONAL PROTECTION | ☒ | | | | | | | | |
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