**Product Description**

A fast drying acrylic marking paint for concrete, brick and bituminous surfaces. This product has been designed for painting centerlines, edgelines and auxiliary markings of highways, runways, crosswalks, stop zones, parking lots, storage zones, traffic aisles, etc.

**Performance Characteristics**

Meets Federal Specification A-A-2886B Type II

<table>
<thead>
<tr>
<th>Test Description</th>
<th>Test Method</th>
<th>Requirements</th>
<th>Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Finesness 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>

Vehicle Type: Acrylic
Viscosity: 78 to 82 Ku
Weight Solids: 68.00% minimum
Volume Solids: 43.00% minimum
Density (Weight per Gallon): 12.41 ± 0.20 lbs/gal
VOC (minus exempts): 117 g/L
VOC (with exempts): 67 g/L
Dry time: No-Pick-Up: <10 minutes
Dry Through: <15 minutes

(Note: Applied film thickness, relative humidity, and temperature will effect dry time)

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

**Note:** 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.

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**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 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 the manufacturer.

Davies Imperial Coatings, Inc.

PDS-11087R

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# Solventborne Traffic Marking Paint Application Requirements

## Surface Preparation

The surface to be painted must be dry, free of grease and oil and brushed free of loose dirt. Stripping paints will not adhere to unclean surfaces or to loose or peeling paint. Over freshly applied/cured surfaces, a test stripe is recommended to determine if the substrate has aged sufficiently prior to application. If the asphalt is insufficiently cured, applying a thin coat (approximately ½ the recommended thickness) generally reduces the extent of lifting and cracking. Concrete curing compounds could affect performance. A test stripe is recommended to determine if the substrate has aged sufficiently prior to application.

## Application Procedures

Application equipment must be clean from all previous paint(s). Stir all containers thoroughly before using. May be applied by spray equipment, brush or roller. Straining the paint when using spray equipment is recommended. Paint only in dry weather. Higher humidity levels and lower temperatures (air, surface and material) will increase dry time. Weather conditions after the application could also have an adverse affect on performance. Recommended application conditions: 40° F minimum and 90° F maximum, at least 5° F above dew point and a maximum of 85% RH. Apply to a wet film thickness of 12 - 15 mils. Using proper equipment will maximize proper film build, coverage and performance. Protect painted surfaces from traffic until thoroughly dry. Painted surfaces may become slippery when wet. Dry times are dependent upon weather and surface conditions as well as film thickness and product type.

## Coverage

Coverage is dependent upon user and usage. Normally, approximately 90 square feet per gallon. In terms of striping, approximately 20 gallons will stripe a 4-inch line one mile using spray equipment. Over applying paint may cause “mud cracking” and may affect adhesion and longevity. Under applying paint may cause premature wear off and/or premature fading of color.

## Handling Safety

DO NOT SMOKE WHILE USING THESE PRODUCTS. These products contain extremely flammable solvents. Keep away from open flame. Close and seal container after each use. Empty containers may still contain flammable vapors and should be treated the same as full containers. Avoid prolonged or repeated contact with skin. Avoid breathing of vapors or spray mist. Do not take internally. Wear respirator, eye protection and protective clothing when handling. Store in a cool dry place, do not store outdoors or in direct sunlight. See MSDS for further information.

## Thinning

Coating is to be applied without thinning. DO NOT ADD GASOLINE or any other petroleum-based products. No thinning is recommended, as it can adversely affect film build, appearance and adhesion.

## Clean Up

Clean all brushes, rollers, tools and spray equipment immediately with toluene or equivalent to prevent drying. Comply with all Federal, State and Local requirements for disposal of paints and related materials.