



**Product Data Sheet
Yellow F/D Latex Traffic
Marking Paint
#11275Y**

Davies Imperial Coatings, Inc.
1275 State Street
Hammond, IN 46320
Ph. 219-933-0877
Fax. 219-932-4201
www.daviesimperial.com

| PRODUCT DESCRIPTION | | | | PRODUCT CHARACTERISTICS | | | |
|---|----------------------|-----------------|---------|--|--|--|--|
| <p>A 100% acrylic latex fast drying marking paint for concrete, brick and bituminous surfaces. This product has been designed for painting centerlines, edgelines and auxiliary markings of highways, runways, parking lots, traffic aisles, crosswalks, etc.</p> | | | | <p>Vehicle Type: Acrylic Latex Polymer</p> <p>Viscosity: 80 to 90 Ku</p> <p>Volume Solids: 60.00% minimum</p> <p>Pigment Solids: 60.00% to 62.00%</p> | | | |
| PERFORMANCE CHARACTERISTICS | | | | <p>Density (Weight per Gallon): 13.89 ± 0.20 lbs/gal</p> <p>VOC (minus exempts): 85 g/L</p> <p>VOC (with exempts): 59 g/L</p> <p>Dry time: No-Pick-Up: 5 – 10 minutes Dry Through: 10 – 15 minutes <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>THIS PRODUCT DOES NOT CONTAIN MERCURY, LEAD, HEXAVALENT CHROMIUM, TOLUENE, CHLORINATED SOLVENTS, HYDROLYSABLE CHLORINE DERIVATIVES OR CARCINOGENS AS DEFINED IN 29 CFR 1910.1200.</p> <p><small>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.</small></p> | | | |
| Meets TT-P-1952E Federal Specification | | | | | | | |
| Test Description | Test Method | Requirements | Results | | | | |
| Color (yellow) | Fed. Std. 595 #33538 | 6 CIE Lab | Pass | | | | |
| Fineness of Grind | ASTM D1210 | 3 Hegman min. | Pass | | | | |
| Dry Time No-Pick-Up | ASTM D711 | 10 minutes max. | Pass | | | | |
| Dry Through Early Washout | ASTM D1640 | <120 minutes | Pass | | | | |
| Flexibility | TT-P-1952E | Pass | Pass | | | | |
| Freeze-Thaw Resistance | TT-P-1952E | 3 cycles | Pass | | | | |
| Accelerated Package Stability | TT-P-1952E | <5 Ku change | Pass | | | | |
| Water Resistance | TT-P-1952E | Pass | Pass | | | | |
| Bleeding Ratio | ASTM D969 | 0.95 minimum | Pass | | | | |
| Dry Opacity | ASTM D2805 | 0.92 minimum | Pass | | | | |
| Abrasion Resistance | ASTM D968 | 150 liters min. | Pass | | | | |
| Scrub Resistance | ASTM D 2486 | 500 cycles | Pass | | | | |

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WATERBORNE TRAFFIC MARKING PAINT APPLICATION REQUIREMENTS

| | | | |
|---|--|---|--|
| SURFACE PREPARATION | | SPRAY EQUIPMENT | |
| The surface to be painted must be dry, free of grease and/or 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). | | The use of non-stainless steel spray equipment is strongly discouraged as an alkaline paint may "surface shock" when exposed to other mild metals. Only stainless steel or plastic spray equipment should be used. | |
| THINNING | | CLEAN-UP | |
| None is normally required, but a small amount of water may be added if needed. DO NOT add gasoline, oil or any other petroleum-based products to waterborne paints. Adding any amount of thinner may adversely affect dry time. | | Clean all brushes, rollers, tools and paint lines immediately with warm water and a mild detergent to prevent drying. If drying does occur, a mild caustic solution should remove dried film. | |
| APPLICATION | | COVERAGE | |
| Stir all containers thoroughly before using. Paint only in dry weather. Straining the paint when using spray equipment is recommended. May be applied by a marking machine, roller or brush. No surface priming is required. Apply to a wet film thickness of 12-15 mils. For best results apply at substrate temperatures of 50°F and rising. When using glass beads, 4 - 6 pounds of beads per gallon is recommended. If spraying, do not mix beads directly into paint. When striping in cold temperatures, the warmer the paint the easier it is to spray. Recommended application conditions: 50°F minimum and 90°F maximum. Apply at least 5 °F above dew point with a relative humidity below 85%. | | 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 a mechanical striper. Using a truck mounted spraying system, approximately 16 gallons will stripe a 4-inch line one mile. 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. | |
| DRYING TIMES | | HANDLING SAFETY | |
| Dry times are dependent upon weather conditions both before and after application. See Product Information Sheet for more information. | | 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. See MSDS for further information. | |

READ AND FOLLOW ALL INSTRUCTIONS AND WARNINGS ON PRODUCT LABELS AND DATA SHEETS.

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