



**Product Data Sheet
Low VOC Acrylic Yellow
Traffic Marking Paint
#11086Y**

Davies Imperial Coatings, Inc.
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PRODUCT DESCRIPTION				PRODUCT CHARACTERISTICS			
<p>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.</p>				<p>Vehicle Type: Acrylic Copolymer</p> <p>Viscosity: 75 to 85 KU</p> <p>Weight Solids: 73.00% minimum</p> <p>Volume Solids: 50.00% minimum</p>			
PERFORMANCE CHARACTERISTICS				<p>Density (Weight per Gallon): 12.67 ± 0.20 lbs/gal</p> <p>VOC (minus exempts): 87 g/L</p> <p>VOC (with exempts): 49 g/L</p> <p>Dry time: No-Pick-Up: <10 minutes Dry Through: <15 minutes <i>(Note: Applied film thickness, relative humidity, and temperature will effect dry time)</i></p> <p>Shelf Life: 12 months if unopened and stored in a cool area.</p>			
<p>Meets/Exceeds Federal Specification A-A-2886B Type II</p>				<p>THIS PRODUCT IS MANUFACTURED TO MEET THE V.O.C. REQUIREMENTS SET FORTH IN FEDERAL EPA 40 CFR 59, SUBPART D, TABLE 1.</p> <p>THIS PRODUCT DOES NOT CONTAIN MERCURY, LEAD, HEXAVALENT CHROMIUM, HALOGENATED SOLVENTS, NOR ANY CARCINOGEN, AS DEFINED IN 20 CFR 1910.1200.</p> <p><i>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.</i></p>			
Test Description	Test Method	Requirements	Results				
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				

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

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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.

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SOLVENTBORNE TRAFFIC MARKING PAINT APPLICATION REQUIREMENTS

SURFACE PREPARATION	APPLICATION PROCEDURES
<p>The surface to be painted must be dry and free of loose paint, grease, oil, and dirt. Striping paints will not adhere to unclean surfaces. New concrete must be allowed to fully cure before painting. Adhesion can be adversely affected by sealers and efflorescence on new concrete. These should be removed by etching, abrasive blasting, or allowing the surface to weather for an extended period of time. New concrete and/or asphalt should be allowed to age for several months before painting. Shrinking of the paint film during drying can cause lifting or cracking of asphalt if the surface is not fully cured. Applying a test stripe to test for adequate cure of new asphalt is recommended. If painting new asphalt is necessary, using a reduced film thickness will minimize the possibility of asphalt lifting. Excessive film build will increase the chance of lifting.</p>	<p>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.</p>
COVERAGE	HANDLING SAFETY
<p>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.</p>	<p>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.</p>
THINNING	CLEAN UP
<p>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.</p>	<p>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</p>

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