



**Product Data Sheet
Low VOC Acrylic White
Traffic Marking Paint
#11087W**

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			
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.				Vehicle Type: Acrylic			
				Viscosity: 78 to 82 Ku			
				Weight Solids: 68.00% minimum			
				Volume Solids: 43.00% minimum			
PERFORMANCE CHARACTERISTICS				Density (Weight per Gallon): 13.55 ± 0.20 lbs/gal			
Meets Federal Specification A-A-2886B Type II				VOC (minus exempts): 119 g/L			
				VOC (with exempts): 73 g/L			
				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>			
				Shelf Life: 12 months if unopened and stored in a cool area.			
				THIS PRODUCT DOES NOT CONTAIN MERCURY, LEAD, HEXAVALENT CHROMIUM, HALOGENATED SOLVENTS, NOR ANY CARCINOGEN, AS DEFINED IN 20 CFR 1910.1200.			
				<p><i>Note:</i> 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.</p>			
Test Description	Test Method	Requirements	Results				
Color (white)	Fed. Std. 595 #37925	6 CIE Lab	Pass				
Reflectance	ASTM E97	85% minimum	Pass				
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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SOLVENTBORNE TRAFFIC MARKING PAINT APPLICATION REQUIREMENTS

SURFACE PREPARATION	APPLICATION PROCEDURES
<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 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 1/2 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.</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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