



**Traffic  
&  
Zone  
Products**

**10.11**

**SETFAST® LOW VOC ACRYLIC  
TRAFFIC MARKING PAINT**

TM5626  
TM5627

WHITE  
LEAD FREE YELLOW

**PRODUCT INFORMATION**

Revised 11/06

PRODUCT DESCRIPTION	RECOMMENDED USES
<p><b>SETFAST LOW VOC ACRYLIC TRAFFIC MARKING PAINT</b> is a conventional dry (non-heat applied) <b>acetone</b> based paint. Acetone, as the main solvent, has Exempt Status under Federal law and does not contribute harmful VOC's.</p> <p>This is 100% acrylic, which offers the following outstanding properties:</p> <ul style="list-style-type: none"> <li>• Faster dry and hardness development.</li> <li>• Performance similar to SetFast Chlorinated Rubber Traffic Paint: Less dirt pick-up, longer glass bead retention, improved durability.</li> </ul>	<p>Developed for use over concrete, asphalt, brick, and other surfaced areas. Serves as a binder for glass beads to make reflective type markings. Do not use this coating over uncured asphalt surfaces such as commonly found on tennis courts, asphalt driveways, and some parking lots.</p> <ul style="list-style-type: none"> <li>• Striping contractors</li> <li>• Shopping centers</li> <li>• Plant maintenance</li> <li>• Curbs</li> <li>• Municipalities</li> <li>• Parking lots</li> <li>• Airport runways</li> </ul>
PRODUCT CHARACTERISTICS	PERFORMANCE CHARACTERISTICS
<p><b>Finish:</b> Flat</p> <p><b>Color:</b> White, LF Yellow</p> <p><b>Volume Solids:</b> 47%, minimum</p> <p><b>Weight Solids:</b> 70%, minimum</p> <p><b>VOC (EPA Method 24):</b> &lt;100 g/L; &lt;0.83 lb/gal</p> <p><b>Recommended Spreading Rate per coat:</b> Approximately 320 lineal feet of standard 4" stripe per gallon</p> <p>Wet mils: 15.0 Dry mils: 7.5 Coverage: 110 sq ft/gal approximate</p> <p><b>NOTE:</b> Brush or roll application for small areas only. If the asphalt is insufficiently cured, applying a thin coat (approximately 1/2 the recommended dft) generally reduces the extent of lifting and cracking.</p> <p><b>Drying Schedule @ 15.0 mils wet, 50% RH and 77°F:</b> per ASTM D-711</p> <p>To touch: 5 minutes No traffic pick up after: 5 minutes</p> <p>Drying time is temperature, humidity and film thickness dependent.</p> <p><b>Shelf Life:</b> 12 months unopened Store indoors at 40°F to 100°F.</p> <p><b>Flash Point:</b> 1°F, PMCC</p> <p><b>Reducer:</b> Not recommended</p> <p><b>Clean Up:</b> Acetone, R6K9</p>	<ul style="list-style-type: none"> <li>• Abrasion resistant</li> <li>• Bleed resistant</li> <li>• High visibility</li> <li>• Glass beads can be added to make reflective markings</li> <li>• High hiding</li> <li>• Fast drying</li> </ul> <p>Federal EPA has added acetone to the list of solvents exempt from the VOC definition. State or local laws may incorporate the federal definitions, or may use their own, and may take precedence over the federal rules. Acetone may or may not be an exempt solvent where state or local regulations are in effect. Consult with your local Sherwin-Williams representative for additional information.</p>



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RECOMMENDED SYSTEMS	SURFACE PREPARATION																				
<p><b>Cured Asphalt, Concrete, and Brick:</b></p> <p>1 ct. SetFast Low VOC Acrylic Traffic Marking Paint @ 15.0 mils wet and 7.5 mils dft, approximately 320 lineal feet of standard 4" stripe per gallon</p> <p>The systems listed above are representative of the product's use. Other systems may be appropriate.</p>	<p>Surface must be clean, dry, and in sound condition. Remove all oil, dust, grease, dirt, and other foreign material to ensure adequate adhesion.</p> <p>Refer to product Application Bulletin for detailed surface preparation information.</p> <p>Minimum recommended surface preparation:            Concrete: Cured, clean, dry, sound            Asphalt: Cured, clean, dry, sound            Brick: Cured, clean, dry, sound</p> <tr> <th colspan="2" data-bbox="792 806 1481 848">TINTING</th> </tr> <tr> <td colspan="2" data-bbox="792 848 1481 987"> <p>May be tinted with up to 4 oz/gal of Blend-A-Color or 844 Colorant. Only exterior grade colorants should be used. Handicap Blue may be obtained by tinting white with 2-3 oz of blue colorant per gallon. Not controlled for tinting strength.</p> </td> </tr> <tr> <th colspan="2" data-bbox="792 987 1481 1029">APPLICATION CONDITIONS</th> </tr> <tr> <td colspan="2" data-bbox="792 1029 1481 1234"> <p>Temperature: 40°F minimum, 90°F maximum (air, surface, and material)            At least 5°F above dew point            Relative humidity: 85% maximum</p> <p>Refer to product Application Bulletin for detailed application information.</p> </td> </tr> <tr> <th colspan="2" data-bbox="792 1234 1481 1276">ORDERING INFORMATION</th> </tr> <tr> <td colspan="2" data-bbox="792 1276 1481 1482"> <p>Packaging: 5 gallon containers</p> <p>Weight per gallon:            White: 11.67 ± 0.2 lbs/gal            Yellow: 11.72 ± 0.2 lbs/gal            Lead-free Yellow: 11.46 ± 0.2 lbs/gal</p> </td> </tr> <tr> <th colspan="2" data-bbox="792 1482 1481 1524">SAFETY PRECAUTIONS</th> </tr> <tr> <td colspan="2" data-bbox="792 1524 1481 1726"> <p>Refer to the MSDS sheet before use.</p> <p>Published technical data and instructions are subject to change without notice. Contact your Sherwin-Williams representative for additional technical data and instructions.</p> </td> </tr> <tr> <th data-bbox="100 1726 792 1768">DISCLAIMER</th> <th data-bbox="792 1726 1481 1768">WARRANTY</th> </tr> <tr> <td data-bbox="100 1768 792 1995"> <p>The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of The Sherwin-Williams Company. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Consult your Sherwin-Williams representative to obtain the most recent Product Data Information and Application Bulletin.</p> </td> <td data-bbox="792 1768 1481 1995"> <p>The Sherwin-Williams Company warrants our products to be free of manufacturing defects in accord with applicable Sherwin-Williams quality control procedures. Liability for products proven defective, if any, is limited to replacement of the defective product or the refund of the purchase price paid for the defective product as determined by Sherwin-Williams. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY SHERWIN-WILLIAMS, EXPRESSED OR IMPLIED, STATUTORY, BY OPERATION OF LAW OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.</p> </td> </tr>	TINTING		<p>May be tinted with up to 4 oz/gal of Blend-A-Color or 844 Colorant. Only exterior grade colorants should be used. Handicap Blue may be obtained by tinting white with 2-3 oz of blue colorant per gallon. 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**APPLICATION BULLETIN**

Revised 11/06

SURFACE PREPARATION	APPLICATION CONDITIONS		
<p>Surfaces should be clean, dry and free from loose or peeling paint. Do not apply when air or surface temperatures are below 40°F, or when the relative humidity exceeds 85%, or when the temperature falls below the dew point.</p> <p>The presence of concrete sealers or efflorescence of new concrete may interfere with adhesion, and should be removed by extended weathering, etching, or abrasive blasting.</p> <p>Most previously painted lines may be repainted without additional surface preparation, provided the old paint is tightly adhered to the surface. However, multiple layers of paint will eventually peel and will require removal.</p> <p>New asphalt surfaces should ideally be allowed to age several months before striping. Solvent based paints may cause bleeding through the paint. Placing an inconspicuous test stripe to determine if the asphalt has aged sufficiently to use solvent paint is recommended. If it is necessary to paint a fresh asphalt surface, use a latex striping paint following the recommended procedures.</p>	<p>Temperature: 40°F minimum, 90°F maximum (air, surface, and material) At least 5°F above dew point</p> <p>Relative humidity: 85% maximum</p> <tr> <th colspan="2" data-bbox="829 667 1521 709">APPLICATION EQUIPMENT</th> </tr> <p>The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compatible with the existing environmental and application conditions.</p> <p><b>Reducer</b> ..... Not recommended</p> <p><b>Clean Up:</b> ..... Acetone, R6K9</p> <p><b>Airless Spray Line Striping Equipment</b></p> <p>Pressure ..... 1500-2000 psi Hose ..... 3/8" ID Tip ..... .015" - .019" Filter ..... 60 mesh</p> <p><b>Conventional Spray</b></p> <p>Typical fluid tip size is about 0.1" orifice, with a matching fan cap designed for striping application. Working pressures will vary with ambient temperatures. The correct pressure is the lowest pot and atomizing pressure that produces a flat line of the correct thickness. Heated air atomized spray may also be used, allowing improved sprayability but not necessarily dry time. Quick drying application can be expected at ambient temperatures within recommended range.</p> <p><b>Brush, small areas only</b></p> <p>Brush ..... Nylon/Polyester Natural Bristle</p> <p><b>Roller, small areas only</b></p> <p>Cover ..... 3/8" woven with phenolic core</p> <p>NOTE: Fluid and atomization pressures are dependent on environmental conditions. Use the lowest pressures necessary to achieve a "flat line".</p> <p>If the striping machine is also used for water based paint, care must be taken to avoid solvent contamination.</p> <p>If specific application equipment is not listed above, equivalent equipment may be substituted.</p>	APPLICATION EQUIPMENT	
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APPLICATION PROCEDURES	PERFORMANCE TIPS										
<p>Surface preparation must be completed as indicated.</p> <p><b>Mixing Instructions:</b> Mix paint thoroughly by boxing, stirring, or power agitation before use.</p> <p>Apply paint at the recommended film thickness and spreading rate as indicated below:</p> <p><b>Recommended Spreading Rate per coat:</b> Approximately 320 lineal feet of standard 4" stripe per gallon</p> <table border="0"> <tr> <td>Wet mils:</td> <td>15.0</td> </tr> <tr> <td>Dry mils:</td> <td>7.5</td> </tr> <tr> <td>Coverage:</td> <td>110 sq ft/gal approximate</td> </tr> </table> <p><b>NOTE:</b> Brush or roll application for small areas only. If the asphalt is insufficiently cured, applying a thin coat (approximately 1/2 the recommended dft) generally reduces the extent of lifting and cracking.</p> <p><b>Drying Schedule @ 15.0 mils wet, 50% RH and 77°F:</b> per ASTM D-711</p> <table border="0"> <tr> <td>To touch:</td> <td>5 minutes</td> </tr> <tr> <td>No traffic pick up after:</td> <td>5 minutes</td> </tr> </table> <p>Drying time is temperature, humidity and film thickness dependent.</p> <p>Application of coating above maximum or below minimum recommended spreading rate may adversely affect coating performance.</p>	Wet mils:	15.0	Dry mils:	7.5	Coverage:	110 sq ft/gal approximate	To touch:	5 minutes	No traffic pick up after:	5 minutes	<p>Spreading rates are calculated on volume solids and do not include an application loss factor due to surface profile, roughness or porosity of the surface, skill and technique of the applicator, method of application, various surface irregularities, material lost during mixing, spillage, overthinning, climatic conditions, and excessive film build.</p> <p>No reduction of material is recommended as it can affect film build, appearance, and adhesion.</p> <p>In order to avoid blockage of spray equipment, clean equipment before use or before periods of extended downtime with Acetone, R6K9.</p> <p>Asphalt surfaces generally require aging prior to painting.</p> <p>If the asphalt is insufficiently cured, applying a thin coat (approximately 1/2 the recommended dft) generally reduces the extent of lifting and cracking.</p> <p>Check adhesion by applying a test strip to determine the readiness for painting.</p> <p>The coating may be made into reflective paint by dropping on glass beads while the paint is still wet.</p> <p>Painted surfaces can become slippery when wet. Zone Marking paints are not intended for use as floor paints, and should not be used to paint large areas subject to pedestrian traffic. For instance, painting an entire traffic stall is not recommended.</p> <p>Do not paint on wet surfaces.</p> <p>Do not paint when the relative humidity is above 85%.</p> <p>Do not paint when the temperature is below 40°F.</p> <p>Cool, damp conditions will prolong the drying time.</p> <p>Refer to Product Information sheet for additional performance characteristics and properties.</p>
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CLEAN UP INSTRUCTIONS	SAFETY PRECAUTIONS										
<p>Clean spills and spatters immediately with Acetone, R6K9. Clean tools immediately after use with Acetone, R6K9. Follow manufacturer's safety recommendations when using any solvent.</p>	<p>Refer to the MSDS sheet before use.</p> <p>Published technical data and instructions are subject to change without notice. Contact your Sherwin-Williams representative for additional technical data and instructions.</p>										
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