



**SHERWIN  
WILLIAMS.**

## Product Finishes

CC-M34

# MIL-DTL-53022E Type V Aerosol Enhanced Corrosion Epoxy Primer

Gray ..... E90A228SP

DESCRIPTION	CHARACTERISTICS	SPECIFICATIONS																				
<p><b>E90A228SP</b> is a two-component, 2.8lb/ gal VOC, HAPS-Free epoxy primer supplied in an aerosol form. It meets MIL-DTL-53022E Type V composition and performance specifications. It may be used for touch-up under chemical agent resistant coatings (CARC) specified in MIL-DTL-53039 or MIL-DTL-64159, or MIL-PR-22750 epoxy coatings, or MIL-PRF-85285 (non-aircraft) coatings.</p> <p><b>Advantages:</b></p> <ul style="list-style-type: none"><li>• Available in both 250 and 400 ml sizes</li><li>• Designed for touch-up of small areas</li><li>• Excellent chemical, solvent, and corrosion resistance on aluminum and steel</li><li>• Convenience of a 2K system in a single aerosol can</li><li>• Free of lead and chromate hazards</li><li>• Can be air or force dried</li></ul> <p>The following MIL-DTL-53022E Type II product has been approved by the U.S. Army Research Lab, Aberdeen Proving Grounds, Aberdeen, Md.</p> <table><tr><th>Sherwin-Williams</th><th>QPD</th></tr><tr><td>E90A228SP (250 mls)</td><td>Q2087</td></tr><tr><td>E90A228SP (400 mls)</td><td>Q2088</td></tr></table> <p>*VOC compliance limits vary from state to state; please consult local Air Quality rules and regulations</p>	Sherwin-Williams	QPD	E90A228SP (250 mls)	Q2087	E90A228SP (400 mls)	Q2088	<p><b>Gloss:</b> 45 units (60°)</p> <p><b>Recommended film thickness:</b></p> <table><tr><td>Mils Wet</td><td>2-4</td></tr><tr><td>Mils Dry</td><td>1.3 – 1.7</td></tr></table> <p><b>Spreading Rate:</b> 18 sq ft/can</p> <p><b>Drying (77°F, 50% RH):</b></p> <table><tr><td>Set To Touch:</td><td>15 minutes</td></tr><tr><td>Dry Hard:</td><td>4 hours</td></tr><tr><td>To Recoat:</td><td>60 minutes</td></tr></table> <p><b>Force Dry:</b> Recommended 60 minutes at 140 °F</p> <p><b>Induction Time:</b> 30 minutes</p> <p><b>Flash Point:</b> -42°F Pensky-Martens Closed Cup</p> <p><b>Pot Life:</b> 4 hours</p> <p><b>Package Life:</b> 18 months, inside storage</p> <p><b>Air Quality Data (Theoretical):</b></p> <table><tr><td>Volatile Organic Compounds (VOC)*</td><td></td></tr><tr><td>Volatile Weight 47.8 % Less Water and Federally Exempt Solvents</td><td></td></tr></table> <p>An Environmental Data Sheet is available from your local Sherwin-Williams facility or at <a href="http://www.paintdocs.com">www.paintdocs.com</a></p>	Mils Wet	2-4	Mils Dry	1.3 – 1.7	Set To Touch:	15 minutes	Dry Hard:	4 hours	To Recoat:	60 minutes	Volatile Organic Compounds (VOC)*		Volatile Weight 47.8 % Less Water and Federally Exempt Solvents		<p>See MIL-DTL-53072 for complete details regarding substrate protection, coatings, and application.</p> <p><b>Testing:</b> The information, data, and recommendations set forth in this Product Data Sheet are based upon test results believed to be reliable. However, due to the wide variety of substrates, substrate properties, surface preparation methods, equipment and tools, application methods, and environments, the customer should test the complete system for adhesion, compatibility and performance prior to full scale application.</p>
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## **APPLICATION**

### Typical Setups

#### **Mixing:**

Remove the red button from the lid of the can. Place it on the bottom of the can and depress. This will allow the two components to mix. **Shake vigorously for two minutes after the agitator ball moves freely in order to thoroughly mix the two components.** Allow 30 minutes for full induction before beginning application.

## **SPECIFICATIONS**

- This product must be thoroughly mixed before using. (see mixing instructions for details)
- Surface preparation is important for performance
- This product may be topcoated 60 minutes after application
- If parts have been primed for longer than 7 days, they must be sanded or recoated before topcoating for good adhesion.

## **CAUTIONS**

### **FOR INDUSTRIAL SHOP APPLICATION ONLY**

**Thoroughly review product label and Safety Data Sheet (SDS) for safety information and cautions prior to using this product.**

To obtain the most current version of the Environmental Data Sheet (EDS), Product Data Sheet (PDS), or Safety Data Sheet (SDS) please visit your local Sherwin-Williams facility or [www.paintdocs.com](http://www.paintdocs.com).

Please direct any questions or comments to your local Sherwin-Williams facility.

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