



## 2.1 VOC Epoxy Primers

274528SP/01 Gray  
 274530SP/01 White  
 274531SP/01 Black

Matthews 2.1 VOC Epoxy Primers are corrosion resistant primers that provide excellent adhesion to many types of substrates, including stainless steel, and can also be used in areas where a maximum 2.1 VOC is required.

Packaged in Gray, White, and Black, primers can be mixed together to achieve shades from light gray to dark gray.



### Features:

Low VOC technology .....	Environmentally friendly, meets 2.1 VOC regulations
Chromate-free .....	Meets EPA regulations for chromate restrictions
Available in Black, White, and Gray .....	Combine together for any shade of gray
Topcoat with any Matthews Acrylic Polyurethane finishes .....	Versatile, multi-purpose
Compatible over various substrates, including stainless steel .....	For multiple applications, fewer products to stock
Brush and roll capability .....	For use in areas where air spraying is prohibited
Epoxy technology .....	Excellent corrosion resistance, superior adhesion to substrate
Excellent filling properties .....	Capable of hiding minor metal substrate defects
Easy mix ratio .....	Less time mixing
Four day topcoat window .....	No sanding required prior to topcoating within window

### Benefits:

### Compatible Surfaces:

2.1 VOC Epoxy Primers may be applied over properly prepared:

Steel	Galvanized steel	Body filler
Stainless steel	Aluminum	Masonry
Blasted steel	Fiberglass	Wood
Carbon steel	Previously painted surfaces	

### Associated Products:

#### Catalyst

274529SP/04 2.1 VOC Epoxy Hardener



**Directions for Use**

**Application:**



Apply:

Apply one to two full wet coats, allowing proper flash time\* between coats.  
 Apply additional coats as necessary to achieve total dry film thickness.  
 \*Flash times will vary dependent upon film thickness, temperature, solvent selection, spray gun set-up, application, etc.

Recommended	One Coat	Two Coat
Film Thickness:	Application	Application
	Wet Film Thickness (WFT) 2 - 3 mils	4 - 6 mils
	Dry Film Thickness (DFT) 1 - 1.5 mils (minimum)	2 - 3 mils

**Caution:** All 2-component crosslinking slows significantly at temperatures below 60°F or 16°C. Never spray or subject freshly painted coatings to these conditions or loss of gloss, decreased durability and improper curing can occur.

**Estimated Drying Times:**



Air-Dry @ 50% Relative Humidity, 70°F/21°C  
 Dust Free 15 - 20 minutes  
 Dry to Touch 20 - 30 minutes  
 Dry to Handle 30 - 45 minutes  
 Dry to Topcoat 30 minutes - 4 days (max)\*

\*After 4 days, sand with a 220-400 grit dry, or equivalent sanding pad. Do not sand below minimum dry film thickness, otherwise reprime before topcoating.

**Equipment Cleaning:**

Clean equipment promptly with lacquer thinner or equivalent cleaning solvent.  
**Note: Do not leave mixed material in equipment.**

**Technical Data:**

**VOC Information**

VOC Actual RTS	1.28 - 1.29 lbs/gal
VOC Actual RTS	153 - 154 g/L
VOC Regulatory (less water less exempt) RTS	2.09 - 2.1 lbs/gal
VOC Regulatory (less water less exempt) RTS	250 g/L

For complete VOC information, visit [MatthewsPaint.com](http://MatthewsPaint.com) > Quick Links > VOC Data

**Performance Characteristics**

Volume solids (RTS)	43.7%
Theoretical Coverage (1 mil @ 100% transfer efficiency)	702 sq.ft./RTS gal
Application Conditions - Temperature	60°F (16°C) Minimum 100°F (38°C) Maximum
Application Conditions - Relative Humidity	85% maximum 5° above dew point

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274531SP/01 Black

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**Important:** The contents of this package may have to be blended with other components before the product can be used. Before opening the packages, be sure you understand the warning messages on the labels of all components, since the mixture will have the hazards of all its parts. Improper spray technique may result in a hazardous condition. Follow spray equipment manufacturer's instructions to prevent personal injury or fire. Follow directions for respirator use. Wear eye and skin protection. Observe all applicable precautions.

**See Safety Data Sheet and Labels for additional safety information and handling instructions.**

EMERGENCY MEDICAL OR SPILL CONTROL INFORMATION - US (412) 434-4515; CANADA (514) 645-1320; Mexico 01-800-00-21-400  
Materials described are designed for application by professional, trained personnel using proper equipment and are not intended for sale to the general public. Products mentioned may be hazardous and should only be used according to directions, while observing precautions and warning statements listed on label. Statements and methods described are based upon the best information and practices known to Matthews Paint. Procedures for applications mentioned are suggestions only and are not to be construed as representations or warranties as to performance, results, or fitness for any intended use, nor does Matthews Paint warrant freedom from patent infringement in the use of any formula or process set forth herein. If you require technical assistance, please call us toll-free 800/323-6593.



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