



**Simco**  
We've Got You Covered

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**POLYGARD-3002/3003**  
**HIGH PERFORMANCE RUST INHIBITIVE EPOXY PRIMER**

**Description:** A high performance two-component epoxy polyamide rust inhibitive primer designed to protect steel & aluminum in highly corrosive and chemically aggressive environments. Has outstanding adhesion, water resistance and durability.

**Recommended Uses:** An excellent quick dry primer for chemical processing, fertilizer, petrochemical and shipyard industries. Can be used as a shop primer or holding primer to be top coated later with high performance topcoat.

**Technical Data**

<b>Color &amp; Finish:</b>	Reddish brown, green, low gloss
<b>Flash Point:</b>	45°F
<b>Shelf Life:</b>	One year (subject to re-inspection)
<b>Finish:</b>	Semi-gloss
<b>Mixing Ratio:</b>	Base 4:1 converter
<b>Pot Life @ 77° F:</b>	6-8 hrs.
<b>Volume by Solids:</b>	45.0 ± 1.0%
<b>Weight per Gallon:</b>	10.0 ± 0.2%
<b>Recommended DFT:</b>	3.0 - 4.0 mils.
<b>Theoretical Coverage:</b>	Approx. 700 sq. ft. / gal./ mil
<b>Pot Life:</b>	4-6 hrs. at 75°F
<b>Drying Time @ 75° F:</b>	
To touch:	1 hour
To topcoat:	4 hours
To Topcoat:	7 days
<b>Recommended Thinner:</b>	Simco epoxy thinner, R-300
<b>Shelf Life:</b>	24 months
<b>Volatile Organic Compounds (VOC):</b>	3.75 lbs./ gallon

**Surface Preparation:**

<b>Immersion:</b>	Near white metal blast cleaning" (SSPC-SP10) or better.
<b>Non-Immersion:</b>	Commercial blast cleaning" (SSPC-SP6) or better.
<b>Aluminum:</b>	Remove grease, oil, dirt and other foreign matter by solvent or other suitable cleaner. Etch surface by light sand sweeping and remove dust before application of primer.

**Application Data:**

**Method of Application:** Conventional or airless spray, brush or roller.

**Spray Guns:**

<b><u>Conventional</u></b>	<b><u>Fluid Tip</u></b>	<b><u>Air Cap</u></b>
DeVilbiss-MBC-510	E	765
Binks-Model 18	66	63PB

**Airless:**

Graco - 30:1 ratio with golden gun or Speeflo Commander 30 with H gun - .015 orifice.

The substrate temperature before coating should be 5-7° F. above the dew point.

**Mixing:**

Mix base and catalyst thoroughly with Jiffy Mixer. Allow to digest 30 to 60 minutes. Apply in well atomized spray coat overlapping each pass 50%. Apply thinner for work ability only and do not exceed 1 pint per gallon.

**Safety Precautions:**

- (A) Use normal precautions such as gloves, facemasks.
- (B) Adequate ventilation must be maintained.
- (C) Explosion proof lights & electrical equipment.
- (D) Non-Sparking shoes & tools for workers in area.
- (E) This product contains flammable materials. Forbid all flames, smoking and welding in work area.
- (F) Avoid breathing of vapor, contact with skin or eyes. If product comes in contact with skin or eyes, wash thoroughly with water and obtain medical attention.

**Non-Warranty:**

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