

EP1, EP4 EPOXY PRIMER / EA4, EA8 EPOXY ACTIVATOR**PRODUCT DESCRIPTION:**

EP1,EP4 / EA4, EA8 is a very fast dry fast cure primer/sealer that has tremendous corrosion resistance and adhesion. This primer can be used on all properly prepared metals and plastics. Epoxy Primer can be topcoated with all topcoat finishes including acrylic lacquer. Epoxy Primer is an excellent sealer when reduced 25% with URM1, URS1, URXS1 urethane reducer. When using as a sealer do not reduce with URF1 Fast Urethane Reducer.

FEATURES:

1. May be topcoated in 30-60 minutes
2. Superior corrosion resistance in harsh environment
3. Superior humidity resistance
4. Excellent color holdout
5. Superior adhesion to bare steel, sanded fiberglass and etched or sanded aluminum
7. Tintable with 10% Acrylic Urethane & Acrylic Urethane Basecoat

SURFACE PREPARATION:

Thoroughly remove all wax, grease, oil, corrosion and dirt. All corrosion should be removed and metal prepared as for any paint application. Old finishes must be properly sanded and cleaned with PC1 Wax & Grease Remover (or equivalent). Aluminum must be thoroughly sanded or etched with PCSEP1 / PCSEA1 before applying EP1 or EP4.

COMPATIBLE SURFACES:

1. Properly sanded or etched aluminum
2. Properly cleaned steel
3. Clean, deoxidized galvanized steel
4. Properly cleaned, sanded stainless steel
5. Clean, sanded fiberglass, SMC
6. All other primers
7. Automotive plastics except polyethylene

MIXING INSTRUCTIONS: Primer

1. Mix 2 part EP1 or EP4 Epoxy Primer with 1 part EA4 or EA8 Activator.
2. Stir thoroughly after catalyzing and strain.

MIXING INSTRUCTIONS: Sealer

1. Mix same as primer then reduce 25% with mid-temp urethane grade reducer (URM1) or slower.

APPLICATION INSTRUCTIONS: Primer

1. Spray catalyzed primer at 40-50 P.S.I. air pressure.
2. Apply 1 to 2 wet coats. Allow 10 to 15 minutes dry time between coats. Dry film build should be .75 to 1.0 mil.
3. Allow thirty minutes to one hour dry time before topcoating. Thinner coats will reduce dry time before topcoating.

APPLICATION INSTRUCTIONS: Sealer

1. Reduced up to 25%, apply one full wet coat.
2. Allow 30 minutes dry time before topcoating.

Note: If applied over lacquer products, all topcoats must be applied within the same workday to avoid lifting.

CLEANING:

Use good quality lacquer thinner or urethane reducer (URF1/URM1/URS1/URXS1) to thoroughly clean all equipment.

TOPCOATING:

1. EP1 or EP4 Epoxy Primer-Sealer can be topcoated with all finish coatings.

TECHNICAL DATA:

Color (mixed):	Grey
Weight per gallon:	Primer 10.7 lbs./gallon Catalyst 7.10 lbs./gallon
Coverage/gallon at 1 mil:	542 sq. ft
Mix Ratio by volume:	2:1 High Build
Induction time:	5 minutes
Sprayable Viscosity:	19 sec. #2 Zahn
Flash Point:	40 F TCC
Film Build:	1 mil DFT (1 coat)
Dry time to touch:	10-15 minutes
Color Holdout:	Excellent
Humidity Resistance:	Excellent
Salt Spray Resistance:	Excellent
Pot Life:	8 hours minimum
Solids by weight (mixed):	52.7%
Solids by volume (mixed):	33.8
V.O.C.'s ready to spray:	4.7 lbs/gal or 570 g/l