



# Rhinopoxy Ultra

## Product Data

### PRODUCT DESCRIPTION

**RHINOPOXY ULTRA** is a versatile and durable epoxy coating. This two component high solids epoxy is a modified polyamidoamine epoxy that offers excellent resistance to chemicals, corrosion and severe environments. This product may be used alone or as part of a system as an intermediate tie-coat or finish coat. It offers an attractive semi-gloss finish.

### PRODUCT USES

To protect steel, concrete, masonry and drywall substrates from chemical and corrosion attack. **RHINOPOXY ULTRA** protects against abrasion, moisture, corrosive fumes, chemical contact and immersion or constant humidity. It is ideal for industrial settings such as tanks, chemical plants, power plants and structural steel.

### LIMITATIONS

Not for potable water service. Do not use for immersion service above 120°F (49°C). Not recommended for mineral or organic acids.

### SURFACE PREPARATION

For rusted steel, use as a second coat and prime with **RHINO RUST BOND**. For direct to surface applications:

- Steel Immersion: For water immersion use SSPC-SP 10 Near White Blast and remove all surface contaminants. Other recommended immersion SSPC-SP5 White Metal Blast. Vacuum after blasting and recoat all blasted area the same day. Prime with **RHINO RUST BOND** or a zinc primer.
- Galvanized, Aluminum or stainless steel prime with a vinyl wash primer
- Concrete: New concrete must be cured 30 days prior to painting. Prepare surface with sandblast or acid etch (especially concrete floors). For best results, thin first coat 50% and follow one or two full coats of **RHINOPOXY ULTRA**.

### COVERAGE

- Coverage depends on application. Please call Amcoat for guidance.
- Dry Film Thickness: 3.0 to 6.0 mils per coat
- Wet Film Thickness: 6.0 to 10 mils

### APPLICATION DATA

Blend Ratio: One part **RHINOPOXY ULTRA ACTIVATOR** to four parts **RHINOPOXY ULTRA** base. Power agitate

until components are thoroughly mixed. Allow mixed components to stand fifteen minutes prior to application

- Pot Life: Six hours at 80 °F, decreasing at higher temperature

- Airless Spray: Use .017-.021 tip; 60 mesh filter; 30:1 pump ratio at 60-100 psi operating air pressure
- Conventional Spray: Follow instructions of equipment manufacturer for the application of epoxy paints
- Roll: Use lambswool cover. Additional coats may be required to achieve desired film thickness
- Brush: Use natural bristle brush. Additional coats may be required to achieve desired film thickness

### CLIMATE

Use this product only if the substrate temperature and ambient air temperature is above 40 °F and is expected to not decrease for at least two hours after application. Also the substrate temperature must be 5 °F above the dew point for a period of at least two hours after application to avoid condensation occurring on wet paint

### CLEAN UP

Clean up all spills and overspray immediately while the coating is still wet with warm soapy water. Xylene may be used for final rinse of tools and equipment.

### TECHNICAL DATA

<b>FINISH</b>	Semi Gloss
<b>COLOR</b>	Tintable
<b>VEHICLE TYPE</b>	Epoxy/Amine
<b>SOLIDS BY WEIGHT</b>	74% +/- 1%
<b>SOLIDS BY VOLUME</b>	60% +/- 1%
<b>V.O.C.'S (unthinned)</b>	<3.2 lbs/Gal, <380 g/Liter
<b>V.O.C.'s (thinned 10%)</b>	<3.5 lbs/Gal, <430 g/Liter
<b>DRY TO TOUCH</b>	7 hours @ 80°F
<b>RECOAT</b>	50°F or higher overnight; 40°F to 50°F, second day
<b>GALLON WEIGHT</b>	10.6 +/- 2 lbs/Gal

*\*High film thickness, low temperature and/or poor ventilation will retard dry time*