



PRODUCT DATA SHEET
PROD. #2220 PARTS A & B
INDUSTRIAL COATINGS
RUST INHIBITIVE EPOXY PRIMER WHITE



PRODUCT DESCRIPTION

Richard's Industrial Coatings Rust Inhibitive Epoxy Primer is a high performance industrial quality two component polyamide-epoxy activated primer coating, formulated for application on primarily new and/or pre-treated metal substrates. Its epoxy formulation provides excellent resistance to corrosive type environments. Its rust inhibitive characteristics provide an excellent base coat for the application of corrosion and chemical resistant coatings, such as industrial urethanes, solvent epoxies and industrial enamels. Its product versatility allows for application to both interior and exterior metal substrates, as well as a variety of other substrates, such as concrete.

PRODUCT FEATURES	PRODUCT USES	PERFORMANCE QUALITIES	VOC COMPLIANCE										
<ul style="list-style-type: none"> High Performance Excellent Coverage Excellent Durability Rust Inhibitive Corrosion Resistant Chemical Resistant Alkali Resistant Moisture Resistant Product Versatility 	<p><i>Suitable for the following properly prepared surfaces;</i> INTERIOR / EXTERIOR</p> <table> <tr> <td>Structural Steel</td> <td>Concrete & Masonry</td> </tr> <tr> <td>Iron</td> <td>Containment Walls</td> </tr> <tr> <td>Galvanized Metals</td> <td>Machinery</td> </tr> <tr> <td>Aluminum</td> <td>Fiberglass</td> </tr> <tr> <td>Tanks</td> <td>Ceramic Tile</td> </tr> </table> <p>Great For Both Interior & Exterior Use!</p>	Structural Steel	Concrete & Masonry	Iron	Containment Walls	Galvanized Metals	Machinery	Aluminum	Fiberglass	Tanks	Ceramic Tile	<p>Product Quality: Industrial / Best Product Use: Interior / Exterior Application: Brush, Roller Cover, & Airless Spray Product System: Solvent-Based Sheen: Flat – Low Sheen</p>	<p>AIM Yes OTC No CARB No SCAQMD No MPI # No LEED® 09CI No LEED® 09NC No LEED® 09CS No LEED® H No</p>
Structural Steel	Concrete & Masonry												
Iron	Containment Walls												
Galvanized Metals	Machinery												
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Tanks	Ceramic Tile												

SURFACE PREPARATION

GENERAL: All surfaces must be sound, dry, clean and free of oil, grease, dirt, mildew, mil scale, form release agents, curing compounds, loose and flaking paint, rust, efflorescence and any other surface contaminants.

NEW SURFACES

- Concrete & Masonry** – All new masonry surfaces must be allowed to dry/cure a minimum of 30 days before painting. Acid etch or abrasive blast all slick, glazed concrete or concrete with laitance.
- Galvanized & Non-Ferrous Metals** – Solvent clean the surface in accordance with SSPC-SP1 Solvent Cleaning specifications for metal surfaces. If any oxidation (white rust) has formed, remove as per SSPC-SP2 Hand Tool Cleaning, SSPC-SP3 Power Tool Cleaning specifications for metal surfaces.
- Steel & Ferrous Metals** – Remove any loose rust, mills scale or rust deposits from metal surfaces by the methods described above, and in accordance with the Steel Structures Paint Council specifications SSPC-SP1 Solvent Cleaning, SSPC-SP2 Hand Tool Cleaning, SSPC-SP3 Power Tool Cleaning, and SSPC-SP6 Commercial Blast Cleaning methods for proper surface preparation of metal surfaces.

Mildew - Surface areas affected by mildew should be washed with a commercial mildew removal product, carefully following manufacturer's application and safety directions. Rinse thoroughly with clean water, and allow a minimum of 24 hours to dry thoroughly.

- WARNING!** If you scrape, sand or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and wet mop. Before you start, find out how you can protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-Lead, or log onto www.epa.gov/lead.

PRODUCT ANALYSIS DATA

PIGMENT: 48.95%

VEHICLE: 51.05%

MORE DETAILED PRODUCT ANALYSIS DATA IS AVAILABLE UPON REQUEST.

TECHNICAL DATA

- COLORS:** White
- TINTING:** Not Recommended
- VEHICLE TYPE:** Polyamide Epoxy
- VISCOSITY:** 75 KU ± 3
- GLOSS @ 60°:** Flat / 0 – 5 units
- FLASH POINT:** 93° F
- VOC:** Not to Exceed 450 g/l – 3.78 lb/gal
- SOLIDS:** By Volume: 49.20% ± 2%
By Weight: 68.51% ± 2%
- COVERAGE:** 300 – 400 Sq. Ft. / Gal.
(Coverage will vary significantly depending on application method, surface porosity and condition of the surface.)
- MIL FILM:** Estimated @ 350 Sq. Ft. / Gal.
Wet: 4.6 mils **Dry:** 2.3 mils
- DRY TIME:** (@ 70° F & 50% Relative Humidity)
To Touch: 2 Hours
Recoat: 4 – 6 Hours, & within 36 hours.
Full Cure: 7 days
(Dry times listed may vary according to relative humidity, temperature, film build, color and air movement.)
- CLEAN UP:** 2200TH Epoxy Thinner
- THINNING:** 2200TH Epoxy Thinner

