



PRODUCT DATA SHEET
PROD. #2215 PARTS A & B
INDUSTRIAL COATINGS
RUST INHIBITIVE EPOXY PRIMER GRAY



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></p> <p>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</p> <p>Product Use: Interior / Exterior</p> <p>Application: Brush, Roller Cover, & Airless Spray</p> <p>Product System: Solvent-Based</p> <p>Sheen: Flat – Low Sheen</p>	<table> <tr> <td>AIM</td> <td>No</td> </tr> <tr> <td>OTC</td> <td>No</td> </tr> <tr> <td>CARB</td> <td>No</td> </tr> <tr> <td>SCAQMD</td> <td>No</td> </tr> <tr> <td>MPI #</td> <td>No</td> </tr> <tr> <td>LEED® 09CI</td> <td>No</td> </tr> <tr> <td>LEED® 09NC</td> <td>No</td> </tr> <tr> <td>LEED® 09CS</td> <td>No</td> </tr> <tr> <td>LEED® H</td> <td>No</td> </tr> </table>	AIM	No	OTC	No	CARB	No	SCAQMD	No	MPI #	No	LEED® 09CI	No	LEED® 09NC	No	LEED® 09CS	No	LEED® H	No
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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: 49.56%

VEHICLE: 50.44%

MORE DETAILED PRODUCT ANALYSIS DATA IS AVAILABLE UPON REQUEST.

TECHNICAL DATA

- COLORS:** Gray
- 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 500 g/l – 4.20 lb/gal
- SOLIDS:** By Volume: 47.44% ± 2%
By Weight: 71.60% ± 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:** 2.2 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

RECOMMENDED FINISH COATINGS

The following Richard's products are recommended finish coatings for this primer coating material. However, recommended Richard's finish coatings are not limited to the products listed below;

- **FLAT FINISHES**
 - 100 Series, Signature Series 100% Acrylic Flat House Paint
 - 650 Series, Rich Shield 100% Acrylic Flat House Paint
- **LO-LUSTER/EGGSHELL FINISHES**
 - 130 Series, Signature Series 100% Acrylic Lo-Lustre House Paint
 - 370 Series, Rich Classic Eggshell Acrylic House Paint
- **SATIN FINISHES**
 - 400 Series, Signature Series 100% Acrylic Satin House & Trim
 - 640 Series, Rich Shield 100% Acrylic Satin House & Trim
- **SEMI-GLOSS FINISHES**
 - 680 Series, Rich Shield 100% Acrylic Semi-Gloss Enamel
 - 750 Series, Signature Series 100% Acrylic Semi-Gloss Enamel
 - 1250 Series, Rust Shield II 100% Acrylic Industrial DTM Semi-Gloss Enamel
- **GLOSS FINISHES**
 - 200 Series, Signature Series 100% Acrylic Gloss House & Trim
 - 1000 Series, Rust Shield Polyurethane Industrial Gloss Enamel
 - 1200 Series, Rust Shield II 100% Acrylic Industrial DTM Gloss Enamel
 - 2200 Series, Industrial Coatings Polyamide Gloss Epoxy
 - 2400 Series, Industrial Coatings Acrylic/Aliphatic Polyurethane

PRODUCT LIMITATIONS

- Not for use in areas subject to intense heat.
- Not for use on below grade substrates.

APPLICATION EQUIPMENT

- **Brush Application:** Apply using a quality nylon, polyester or combination nylon/polyester, or a quality natural china bristle brush.
- **Roller Application:** Apply using a smooth - medium nap synthetic, lamb's wool or mohair roller cover, depending on texture or surface porosity.
- **Spray Application:**
 - **Pump:** Gas or Electric Airless Sprayer
 - **Pressure:** Minimum 2500 PSI
 - **Tip:** 0.019 – 0.021 Reversible
 - **Hose:** ¼ inch (6.3 mm) - ¾ inch (10 mm)

PACKAGING & WEIGHT PER GALLON

- **Packaging:**

Quart Kits – 3/case	Gallon Kits – 2/case
2 Gallons – N/A	5 Gallons – N/A
- **Weight Per Gallon:** 13.66 lbs.

CLEAN UP & THINNING INSTRUCTIONS

Clean Up: Clean up any minor spills and splatters immediately with 2200TH Epoxy Thinner, as well as all painting tools and airless equipment. More serious paint spills should be contained and removed with inert absorbent material. Dispose of contaminated absorbent, container, and unused contents in accordance with local, state and federal regulations.

Thinning: Stir thoroughly and apply as it comes from the container. Thinning is not necessary. However, if thinning is required, you may add 2200TH Epoxy Thinner.

WARRANTY & LIMITATIONS

The technical information contained herein is accurate to the best of our knowledge. All warranties are excluded, whether expressed or implied, by operation of law or otherwise, including all implied warranties of merchantability or fitness for a particular purpose. Seller shall not be liable, directly or indirectly, under any circumstances for consequential, incidental, special or any other type of damages arising or resulting from any reason under the sale, handling, or use of goods sold. Seller's liability hereunder, and buyer's exclusive remedy hereunder, for negligence or any other reason, is expressly limited to reimbursement of the purchase price of the materials sold after proof of purchase is provided to the seller. Notice of any alleged failure or defect in the material must be given to the seller in writing by certified U.S. mail within 15 days of noticing the problem. Failure to give the required notice within the time provided constitutes a waiver of any claim. The Manufacturer is not responsible for any misrepresentation made by the Dealer.

REV 01-15

PRODUCT APPLICATION – General

Richard's Industrial Coatings Rust Inhibitive Epoxy Primer Coating may be easily applied with a quality brush, roller cover, or airless spray equipment as follows;

- Mix equal volumes of 2215 Part A & 2215 Part B components as stated in the Mixing Instruction Section below. **MIX ONLY WHAT YOU INTEND TO USE!**
- For best results, it is recommended to apply by brush or roller cover to work primer into surface pores.
- Stir thoroughly in a spiral up and down motion before and during application to keep product completely mixed.
- When applying by brush, apply a smooth and generous coat on smaller surface areas, such as cutting-in larger surfaces and painting trim.
- When applying by roller cover, apply an even and generous coat in a "W" or crisscross motion, avoiding any excessive respreading or reworking.
- When applying by airless spray equipment, use a unit with a minimum of 2500 psi of pressure, with a 0.019 – 0.021 fluid spray tip.
- During spray application, it is recommended to back-roll the surface area to ensure proper adhesion, an even coat application, and to work primer coating into surface pores.
- Maintain a wet edge during application by brushing, rolling or spraying into previously applied coating area.
- Apply when surface and ambient temperatures are above 55° F and below 90° F.
- Avoid exterior paint application when weather conditions are threatening, and late in the day when there is a threat of moisture condensing on wet paint.

MIXING INSTRUCTIONS

Industrial Coatings Solvent Epoxy Primer Coating is formulated as a 1 to 1 ratio mix, example - 1 full gallon of 2215 Part A mixed with 1 full gallon of 2215 Part B. Stir both Part A and B components thoroughly with a paint paddle in a spiral up and down motion or with an electric mixer. In a separate container, mix equal parts of both components. **NOTE: Only Mix What You Intend To Use.** Stir Part A and B mixture thoroughly, and allow a 30 minute induction period. Mixed material has a 6 to 8 hour pot life after combining, and should be applied during this time period. **Neither Component Will Work Unless Mixed With The Other!**

PRECAUTIONARY & SAFETY INFORMATION

CAUTION: FLAMMABLE! CONTAINS XYLENE, NAPHTHA & GLYCOL ETHER! KEEP OUT OF REACH OF CHILDREN! HARMFUL OR FATAL IF SWALLOWED! Keep away from heat, sparks and open flames. **INSURE PROPER CROSS-VENTILATION UNTIL COATING HAS DRIED!** Turn off main gas valve until after coating has dried, then have pilot lights re-lighted by a responsible person. Where ventilation is inadequate, use a suitable respirator. Avoid prolonged contact with skin and breathing of vapors and/or spray mists. When spraying this material, use an OSHA approved cartridge respirator. Use chemical safety glasses, goggles, or a face shield for proper eye protection. Wash thoroughly after handling and before eating or smoking. Close container after each use. **DO NOT TAKE INTERNALLY!**

FIRST AID: In case of skin contact, wash thoroughly with plenty of warm soapy water. For eye contact, flush with plenty of water for 15 minutes, **SEEK IMMEDIATE MEDICAL ATTENTION!** If affected by inhalation, move immediately to fresh air. If swallowed, **DO NOT INDUCE VOMITING, SEEK IMMEDIATE MEDICAL ATTENTION!**

NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the content herein may be harmful or fatal.

KEEP OUT OF REACH OF CHILDREN!