



PRODUCT TECHNICAL DATA INFORMATION

PRODUCT NO.: 2200 Parts A & B

INDUSTRIAL COATINGS - SOLVENT GLOSS EPOXY COATING

PRODUCT DESCRIPTION

Richard's Industrial Coatings - Solvent Gloss Epoxy Coating is a two component, highly industrial polyamide-epoxy activated coating formulated for application on most new and/or previously painted substrates that are exposed to corrosive type of environments. Its epoxy formulation provides excellent chemical resistance, corrosion resistance, moisture resistance and alkali resistance. It also provides excellent durability, resistance to chemical cleanings, resists fresh & salt water, resists chipping, cracking & peeling and has excellent product versatility. **USDA Approved!** Approved by the United States Department Of Agriculture for application to structural surfaces and surface where there is a possibility of **"Incidental Food Contact"** in official establishments operating under the Federal meat and poultry products inspection program. **FOR INTERIOR USE ONLY!**

SUGGESTED PRODUCT USE

SUITABLE FOR APPLICATION TO THE FOLLOWING PROPERLY PREPARED SURFACES:

STRUCTURAL STEEL * IRON * ALUMINUM * GALVANIZED METAL * CONCRETE * MASONRY * CONCRETE FLOORS
PORCELAIN * BRICK * MASONRY MACHINERY * TOOLS * FARM EQUIPMENT * FIBERGLASS
CERAMIC TILE * SWIMMING POOLS

PRODUCT FEATURES

RUST INHIBITIVE * EXCELLENT COVERAGE * SUPERIOR DURABILITY * CORROSION RESISTANT * PRODUCT VERSATILITY
MOISTURE RESISTANT * ALKALI RESISTANT * CHEMICAL RESISTANT * CONTAINS NO LEAD PIGMENTS

PRODUCT SPECIFICATION DATA

* COLORS:	White, Tint Bases & Custom Colors - (Tint with 844 Industrial Colorant Only).
* FINISH:	High Gloss
* FLASH POINT:	80° F.
* METHOD USED:	T.C.C.
* COATING V.O.C.:	Not To Exceed 3.55 LB/GAL. - (425 GRAMS/LTR.)
* SOLIDS:	By Volume: 53.22% ± 2% By Weight: 66.74% ± 2%
* RECOMMENDED MIL FILM:	Wet: 4.6 mils - (Estimated at 350 Square Feet Per Gallon). Dry: 2.4 mils - (Estimated at 350 Square Feet Per Gallon).
* ESTIMATED COVERAGE:	Covers approximately 300 - 400 square feet per gallon, depending on the type of application and the porosity of the surface to be painted.
* CLEAN UP:	2200TH Epoxy Thinner
* THINNING:	2200TH Epoxy Thinner
* ESTIMATED DRY TIME:	Dries to the touch in approximately 2 hours, re-coated after 4 - 6 hours and within 36 hours. The coating is fully cured in 7 days, depending on conditions.

PRODUCT ANALYSIS DATA

PIGMENT: 27.13%

VEHICLE: 72.87%

MORE DETAILED PRODUCT ANALYSIS DATA IS AVAILABLE UPON FORMAL REQUEST.

SURFACE PREPARATION

GENERAL: The entire surface area to be painted should be clean, dry, sound and free from all dirt, grease, oils, waxes, mildew and any other surface contaminants. Remove any loose scale, chalked, cracked or peeling paint from previously painted surfaces by hand scraping, sanding, wire brushing and/or power tool cleaning. Ferrous and non-ferrous metal substrates should be cleaned in accordance with specifications set forth by the *Steel Structures Painting Council*. These specification are as follows: **SSPC-SP 1 - Solvent Cleaning; SSPC-SP 2 - Hand Tool Cleaning; SSPC-SP 3 - Power Tool Cleaning; SSPC-SP 6 - Commercial Blast Cleaning.** Repair/replace any damaged and/or delaminated surface areas. Previously painted surfaces that are in poor condition should be completely stripped to expose a more compatible surface for paint application. Lightly sand smooth all rough paint edges to adjacent surface area and all glossy surfaces should be lightly sanded so to dull existing sheen levels. Prime all bare and/or NEW surface areas with Manufacturer's properly specified primer/sealer for surface type.

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 a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD, or log on to www.epa.gov/lead

PRODUCT APPLICATION

Richard's Industrial Coatings - Solvent Gloss Epoxy Coating may be easily applied with a quality brush, roller, or airless spray equipment. For best results, it is recommended to apply by brush and/or roller. If applying with brush, apply a smooth and generous coat application on/in small surface areas, such as trim or cutting-in larger surface areas. If applying with a roller cover, apply an even and generous coat application in an "M" or crisscross motion, avoiding any excessive re-spreading and/or re-working. Always maintain a wet edge during application by brushing and/or rolling into previously applied coating area. If applying by airless spray, it is recommended to use a unit with a minimum of 2000 psi of pressure, with a 0.015 - 0.017 fluid spray tip. During spray application, it is recommended to back-roll the surface area to ensure a smooth coat application and insure proper adhesion. Apply when surface and ambient temperatures are above 55° F. and below 90° F. **KEEP FROM FREEZING!**

NOTE: Mix Equal Volumes of Part A & B Components. Neither Component Will Work Without The Other. Once Both Components Have Been Thoroughly Mixed, Allow 30 Minutes Induction Time & Apply Coating Within 8 Hours.

MIX ONLY WHAT YOU INTEND TO USE!

PRECAUTIONS

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 relighted 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.

MIXING INSTRUCTIONS & PACKAGING

Stir Parts A & B components thoroughly and pour equal proportions into a separate container. Mix thoroughly and allow to stand for 30 minutes, so to allow product induction period. Neither component will work properly without the addition of the other. Once you have thoroughly mixed both Part A & B components and allowed for induction, product should be applied within the next 6 - 8 hours.

No Thinning Is Necessary! However, if thinning is required, you may add *Richard's #2200TH, Epoxy Thinner*.

USE COMPLETELY OR DISPOSE OF PROPERLY. Dry, empty containers may be recycled in a can recycling program. Follow local disposal requirements to dispose or recycle unused product.

* **Pint Cans:** N/A

* **Quart Cans:** 6 per case

* **Gallon Cans:** 4 Per Case

* **Two Gallon Cans:** N/A

* **Five Gallon Cans:** N/A

* **Weight Per Gallon:** 10.32 lbs.

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