



PRODUCT TECHNICAL DATA INFORMATION

PRODUCT NO.: 1800 Part A & B

INDUSTRIAL COATINGS - WATERBORNE CATALYZED ACRYLIC EPOXY COATING

PRODUCT DESCRIPTION

Richard's Industrial Coatings - Waterborne Catalyzed Acrylic Epoxy Coating has been formulated as a high performance coating designed for interior commercial, institutional or industrial environments where a tough and durable coating is required. Easy to apply, its special formulation provides excellent coverage and durable gloss finish that is abrasion, mar, chemical, and stain resistant. It offers excellent product versatility, has a low odor and low VOC making it ideal for a variety of interior applications where air quality is a concern. **FOR INTERIOR USE ONLY!**

SUGGESTED PRODUCT USE

SUITABLE FOR APPLICATION TO THE FOLLOWING PROPERLY PREPARED SURFACES:

**DRYWALL * WOOD DOORS & TRIM * MASONRY * CONCRETE BLOCK * CEMENT * ALUMINUM * STEEL
GALVANIZED METAL * PLASTER * CONCRETE FLOORS * METAL DOORS * PIPING**

PRODUCT FEATURES

**CATALYZED ACRYLIC FORMULA * PRODUCT VERSATILITY * EXCELLENT DURABILITY * ABRASION RESISTANT
CHEMICAL RESISTANT * MAR RESISTANT * EASY TO APPLY * LOW ODOR & VOC**

PRODUCT SPECIFICATION DATA

* COLORS:	White & Tint Bases, (Tint With 888 Universal Colorant)
* FINISH:	High Gloss
* FLASH POINT:	214° F.
* METHOD USED:	T.C.C.
* COATING V.O.C.:	Not To Exceed 2.09 LB/GAL. - (250 GRAMS/LTR.)
* SOLIDS:	By Volume: 34.54% ± 2% By Weight: 46.90% ± 2%
* RECOMMENDED MIL FILM:	Wet: 5.3 mils - (Estimated at 300 Square Feet Per Gallon). Dry: 1.8 mils - (Estimated at 300 Square Feet Per Gallon).
* ESTIMATED COVERAGE:	Covers approximately 250 - 350 square feet per gallon, depending on the type of application and the porosity of the surface to be painted.
* CLEAN UP:	Warm Soapy Water
* THINNING:	Clean Water
* ESTIMATED DRY TIME:	Dries to the touch and tack free in approximately 2 hours, for recoat in 18 - 24 hours, or after overnight dry, is fully cured in 14 days, depending on conditions.

NOTE: High Humidity & High Temperatures Can Slow Dry & Cure Time.

PRODUCT ANALYSIS DATA

PIGMENT: 22.25%

VEHICLE: 77.75%

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 and peeling paint from previously painted surface by hand scraping, sanding, wire brushing and/or power tool cleaning. On metal surfaces, remove any mil scale, loose rust and rust deposits in the same manner. All bare and new metal surface should be properly solvent cleaned in accordance with **SSPC-SP 1** specifications pertaining to solvent cleaning of metal surfaces, as set forth by the "**Steel Structures Painting Council**". Previously paint surface areas that show signs of serious degradation should be completely removed to expose a more suitable surface for paint application. Repair/replace any damaged and/or delaminated surface areas. Prime all bare and/or new surface areas with the Manufacturer's properly specified primers/sealers compatible to the surface type and before application of finish coatings.

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 Waterborne Catalyzed Acrylic Epoxy may be easily applied with a quality brush, roller, or airless spray equipment. For best results, it is recommended to apply with a brush and/or roller. If applying by brush, apply a smooth a generous coat application on/in small surface areas, such as trim or cutting-in larger surface areas. If applying by roller, apply an even and generous coat application in an "M" or a crisscross motion, avoiding any excessive respreading or reworking. Always maintain a proper wet edge by brushing/rolling into previously applied coating area. If applying by airless spray equipment, it is recommended to use a unit with a minimum of 2000 psi of pressure with a 0.017 - 0.019 fluid spray tip. During spray application, the surface area should be back-rolled to ensure proper adhesion and a smooth finish coat application. Apply when surface and ambient temperatures are above 55° F and below 90° F. **Keep From Freezing!**

PRECAUTIONS

CAUTION: KEEP OUT OF REACH OF CHILDREN! Avoid prolonged contact with skin and breathing of vapors and/or spray mists. **USE WITH ADEQUATE VENTILATION!** Where ventilation is inadequate, use a suitable respirator. 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 soap and water. For eye contact, flush thoroughly 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!

MIXING INSTRUCTIONS & PACKAGING

Richard's Industrial Waterborne Catalyzed Acrylic Epoxy is formulated as a 15 - 1 mix ratio, (7.5pts to 0.5 pt.). Thoroughly stir each component, part A and part B, then mix both A & B components together until uniform. Allow 30 minutes induction period, then stir thoroughly before application. Mixed material have a 6 - 8 hour pot-life and should be applied during this time period. It is recommended that you mix only what you intend to use. **Thinning Is Not Necessary!** However, if thinning is required, you may add clean water up to one (1) pint per catalyzed gallon of coating. When tinting, you may use 888 Universal colorant. Tint part A only.

* Pint Kits: N/A

* Quart Kits: N/A

* Gallon Kits: 4 Per Case

* Two Gallon Kits: N/A

* Five Gallon Kits: Each

* Weight Per Gallon: 10.21 lbs.

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