



PRODUCT TECHNICAL DATA INFORMATION

PRODUCT NO.: 2400 Part A & B

INDUSTRIAL COATINGS ACRYLIC/ALIPHATIC
POLYURETHANE GLOSS ENAMEL

PRODUCT DESCRIPTION

Richard's Industrial Coatings Acrylic/Aliphatic Polyurethane Gloss Enamel is a highly industrial, two component aliphatic urethane coating specially formulated to provide outstanding durability and unsurpassed chemical resistance. Its special formulation provides excellent resistance to abrasion, industrial chemical cleaners, impact abuse, alkalis, acids and salt water sprays. Its superior durability provides an excellent high gloss finish and its performance qualities will far exceed that of conventional type coatings such as, alkyd enamels or industrial air dry enamels. **FOR INTERIOR & EXTERIOR USE!**

SUGGESTED PRODUCT USE

SUITABLE FOR APPLICATION TO THE FOLLOWING PROPERLY PREPARED SURFACES:

**CONCRETE * FIBERGLASS * WOOD * ALUMINUM * STEEL * STORAGE TANKS * OIL REFINERIES * TILE
OFF-SHORE STRUCTURES * WATER TOWERS * DRYWALL * CHEMICAL PLANTS**

PRODUCT FEATURES

**CHEMICAL RESISTANT * ALKALI RESISTANT * ACID RESISTANT * ABRASION & IMPACT RESISTANT * HIGH GLOSS FINISH
CONTAINS NO LEAD PIGMENTS * STATE-OF-THE-ART FORMULATION**

PRODUCT SPECIFICATION DATA

* COLORS:	White & Tint Bases - (Tint with 844 Industrial Colorants Only).
* FINISH:	Hi Gloss
* FLASH POINT:	45° F.
* METHOD USED:	T.C.C.
* COATING V.O.C.:	Not To Exceed 3.76 LB/GAL. - (450 GRAMS/LTR.)
* SOLIDS:	By Volume: 54.33% - ± 2% By Weight: 66.17% - ± 2%
* RECOMMENDED MIL FILM:	Wet: 4.6 mils - (Estimated at 350 Square Feet Per Gallon.) Dry: 2.5 mils - (Estimated at 350 Square Feet Per Gallon.)
* ESTIMATED COVERAGE:	Covers approximately 300 - 400 square feet per gallon, depending on type of application and the porosity of the surface area.
* CLEAN UP:	2400TH Brushing Thinner
* THINNING:	2400TH Brushing Thinner; 2420TH Spraying Thinner
* ESTIMATED DRY TIME:	Dries to the touch in 30 min., for recoat in 2 - 4 hours, is fully cured in 4 - 5 days depending on conditions.

PRODUCT ANALYSIS DATA

PIGMENT: 28.38%

VEHICLE: 71.62%

MORE DETAILED PRODUCT ANALYSIS DATA IS AVAILABLE UPON FORMAL REQUEST.

SURFACE PREPARATION

GENERAL: The entire surface area to be finished 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 surfaces by hand scraping, sanding, wire brushing and/or power tool cleaning. Repair/replace any damaged and/or delaminated surface areas. Any existing coating that is in seriously poor condition should be completely removed to expose a more suitable surface for recoating. All bare and/or new metal surfaces should be properly cleaned in accordance with SSPC, (Steel Structures Painting Council), specifications pertaining to the proper surface preparation of metal surfaces. All bare and/or new surface areas that are to be painted before application of this product should be properly primed with the properly recommended surface primers.

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 Acrylic/Aliphatic Gloss Polyurethane Enamel may be easily applied with a quality brush, roller, or airless spray equipment. For best results, it is recommended to apply two (2) finish coat applications. If applying with a quality brush, apply a smooth and generous coat application on/in small surface areas, such as painting trim or cutting in larger surface areas. If applying with a roller, apply an even and generous coat application in an "M" or crisscross motion, avoiding any excessive respreading or reworking. Always maintain a 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 0.013 - 0.015 fluid spray tip. During spray application, it is recommended to back-roll the surface area to ensure proper adhesion and an even coat application. Apply when surface and ambient temperatures are above 55° F. and below 90° F. Avoid paint application outside when weather is threatening and late in the afternoon when there is a threat of moisture condensing on wet paint.

PRECAUTIONS

DANGER: FLAMMABLE! CONTAINS ETHERS, ESTER SOLVENTS, ACRYLIC RESIN & XYLOL! KEEP OUT OF REACH OF CHILDREN! Keep away from heat, sparks and open flames. **INSURE PROPER CROSS-VENTILATION UNTIL COATING HAS DRIED!** Turn off main gas valve until after the 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 contents herein may be harmful or fatal.

MIXING INSTRUCTIONS & PACKAGING

This is a two component, 4:1 ratio mixture that must be properly mixed together before application. Thoroughly stir Part A component and pour into a separate container. Add Part B component and stir thoroughly again. There is no induction period. Once you have thoroughly mixed both Part A & B components, product should be applied within the next 6 - 8 hours. Depending on the type of application, brush/roll or airless spray, reduce with the appropriate thinner. For brushing and/or roller cover application, thin with #2400TH brushing thinner. For spray application, thin with #2420TH spraying 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: N/A

* Gallon Cans: 4 Per Case

* Two Gallon Cans: N/A

* Five Gallon Cans: N/A

* Weight Per Gallon: 10.71 lbs.

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