



PRODUCT TECHNICAL DATA INFORMATION

PRODUCT NO.: 56

SIGNATURE SERIES WATERBORNE
EPOXY ESTER BONDING LIQUID

PRODUCT DESCRIPTION

Richard's Signature Series Waterborne Epoxy Ester Bonding Liquid is a surface sealer/conditioner formulated from special water dispersed epoxy-ester resins. It is designed for application to previously painted substrates that have a medium to heavy chalk residue or dust after it has been properly pressure washed. Its special resins penetrate the chalky surface area, wets and binds the loose residual chalk, thus sealing the surface area and providing a more suitable surface for the application of both vinyl acrylic and 100% acrylic paint coatings. **Contains No Lead Pigments! FOR INTERIOR & EXTERIOR USE!**

SUGGESTED PRODUCT USE

SUITABLE FOR APPLICATION TO THE FOLLOWING PROPERLY PREPARED SURFACES:

**MASONRY * STUCCO * CEMENT BLOCK * METAL SIDING * BRICK
PREVIOUSLY PAINTED WOOD * PLASTER * MORTAR * POURED CONCRETE**

PRODUCT FEATURES

**SUPERIOR PENETRATION * SUPERIOR SEALING CHARACTERISTICS * BINDS LOOSE CHALK & DUST
CONTAINS NO LEAD PIGMENTS**

PRODUCT SPECIFICATION DATA

* COLORS:	Clear - (May be tinted up to 2 oz. with 888 Universal Colorant).
* FINISH:	Semi-Gloss/Gloss
* FLASH POINT:	N/A
* METHOD USED:	T.C.C.
* COATING V.O.C.:	Not to Exceed 334 LB/GAL. - (400 GRAMS/LTR.)
* SOLIDS:	By Volume: 15.34% ± 2% By Weight: 17.00% ± 2%
* RECOMMENDED MIL FILM:	Wet: 4.0 mils - (Estimated at 400 Square Feet Per Gallon). Dry: .6 mils - (Estimated at 400 Square Feet Per Gallon).
* ESTIMATED COVERAGE:	Covers approximately 250 - 400 square feet gallon, depending on type the of application and the porosity of the surface to be painted.
* CLEAN UP:	Water
* THINNING:	Clean Water
* ESTIMATED DRY TIME:	Dries to the touch in approximately 1 - 2 hours, for recoat in 2 - 4 hours, or after overnight dry, depending on conditions.

PRODUCT ANALYSIS DATA

PIGMENT: 0.00%

VEHICLE: 100.00%

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. It is recommended to thoroughly pressure wash the surface area, using a pressure washing unit with a minimum of 2000 psi of pressure to efficiently remove any excessive paint chalk and loose paint scale from the surface area. Should any surface repairs be needed, such as: crack and spalling masonry, these repairs should be completed after the surface area has been properly sealed.

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 Signature Series Waterborne Epoxy-Ester Bonding Liquid may be easily applied with a quality brush, roller, or airless spray equipment. For best results, it is recommended to apply with a brush or roller cover, to effectively work product into surface pores. If applying by brush, use on smaller surface areas, such as masonry trim areas and cutting in larger surface areas. Apply an even coat application and keep the brush moving at all times. If applying with a roller cover, apply a smooth coat application in a "W" or crisscross motion, avoiding any excessive respraying or reworking. Do not stay in one place, or product will start to build a glossy sheen as it dries. If applying by airless spray, 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 effectively work product into surface pores and insure proper adhesion. Apply when surface and ambient temperatures are above 55° F. and below 90° F. Avoid paint application outside when weather conditions are threatening, or late in the afternoon when there is a threat of moisture condensing on wet paint. **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

Stir thoroughly and apply as it comes from the can. **No Thinning Is Necessary!** However, if thinning is required, you may add clean water up to ½ pint per gallon.

* **Pint Cans:** N/A

* **Quart Cans:** 6 Per case

* **Gallon Cans:** 4 Per Case

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

* **Five Gallon Cans:** Each

* **Weight Per Gallon:** 8.32 lbs.

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