



PRODUCT DATA SHEET

PROD. #3650

POOL GUARD WATERBORNE ACRYLIC SWIMMING POOL TIE COAT



PRODUCT DESCRIPTION

Richard's PoolGuard Waterborne Acrylic Swimming Pool Tie Coat is designed for use over old swimming pool paints, including chlorinated rubber and polyamide epoxy. This bonding primer provides a way to make the transition from traditional solvent based pool paints to Richard's 3600 Series Pool Guard Waterborne Acrylic Swimming Pool Paint. It is also an excellent choice for priming bare concrete, plaster, Gunite and Marcite pools. It resists the chemical actions of chlorine and shock treatments, dries and cures quickly, and is VOC compliant. Cleans up and thins with water. **FOR INTERIOR & EXTERIOR POOLS!**

PRODUCT FEATURES	PRODUCT USES	PERFORMANCE QUALITIES
<ul style="list-style-type: none"> Waterborne Acrylic Formula Excellent Adhesion Chemical Resistant Quick Dry Fast Cure VOC Compliant Easy To Apply 	<p><i>Suitable for, but not limited to the following properly prepared surfaces;</i></p> <p>INTERIOR/EXTERIOR – Bare & Previously Painted</p> <ul style="list-style-type: none"> Concrete Pools Ponds Gunite Pools Marcite Pools Fresh Water Ponds Salt Water Ponds Plaster Lined Pools Water Fountains <p>Not For Use In Spas, Whirlpools, Fiberglass or Vinyl Lined Pools.</p> <p>Great For Interior & Exterior Use!</p>	<p>Product Quality: Premium / Specialty</p> <p>Product Use: Interior / Exterior</p> <p>Application: Brush, Roller & Spray Application</p> <p>Product System: Water-Based</p> <p>Sheen: Eggshell</p> <p>VOC Compliance: AIM, LADCO, OTC Phase I & II, CARB, SCAQMD</p>

SURFACE PREPARATION

General: Improper surface preparation is the direct cause of approximately 90% of all product failures in the application of pool paint coatings! This is perhaps the most important aspect of the entire procedure of painting your pool, as well as making proper surface repairs. Taking shortcuts will only cause problems.

- Refer to our Pool Guard Pool Paint Application Guide for more detailed surface preparation and application instructions.
- The entire surface area should be clean, dry, sound and free from all dirt, grease, oils, waxes, mildew, algae, fungus, loose mortar, loose scale, chalked, cracked and peeling paint, and any other surface contaminants that may cause paint failure.
- Surface Repair:** Repair all holes, cracks and surface breaks with a grout or non-shrinking patching material specially made for concrete, Marcite or Gunite swimming pool repair. Allow all repairs to thoroughly dry before proceeding.
- New/Unpainted Swimming Pools:** All new pools must be allowed a minimum of 60 days to properly age and cure. The pool should be properly acid washed with a solution of one (1) gallon of muriatic acid mixed with one (1) gallon of water. Apply solution evenly and allow solution to effervesce, or boil the surface area, then rinse thoroughly with clean water.
- After rinsing the surface thoroughly, wash the surface once more with a strong solution of **Tri-Sodium Phosphate - (TSP)**, and warm water to effectively remove traces of acid and dirt, then rinse thoroughly with clean water and allow 24 - 48 hours to dry. This process should create a surface texture similar to that of 180 grit sandpaper, or this process must be repeated.
- NOTE:** If acid etching is ineffective in creating a surface profile and opening the pore structure of the concrete, pool paint may not adhere well. In this case, consult your Richard's Paint retailer before proceeding.
- Previously Painted Swimming Pools:** As stated above, the entire surface area should be thoroughly cleaned to remove dirt, grease, oils, waxes, suntan lotions, scum, and any other surface contaminants the may adversely affect the performance of this coating material. Remove loose, scaling, chalked, and peeling paint by hand or power tool cleaning, such as scraping, sanding, wire brushing or sandblasting. Glossy surfaces should be power sanded with 80 grit media to provide proper adhesion. Repair / replace all damaged, deteriorated, cracks, holes and spalled areas with rich grout or non-shrinking patching mixture. Thoroughly acid etch and flush all bare or patched areas. 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.

TECHNICAL DATA

- COLORS:** Translucent Green
- TINTING:** Not Recommended
- VEHICLE TYPE:** Proprietary Waterborne Acrylic
- VISCOSITY:** 87 KU ± 2
- GLOSS @ 60°:** Eggshell | 8 - 10 units
- FLASH POINT:** N/A
- COATING VOC:** Not to Exceed 340 g/l – 2.83 lbs./gal
(Meets AIM, LADCO, OTC Phase I & II, CARB & SCAQMD Standards)
- SOLIDS BY VOLUME:** 31.5% ± 2%
- SOLIDS BY WEIGHT:** 38.7% ± 2%
- ESTIMATED COVERAGE:** 300 – 400 SFPG
(Coverage will vary significantly depending on application method, surface porosity and condition of the surface.)
- RECOMMENDED MIL FILM:** *(Estimated @ 350 SFPG)*
Wet: 4.6 mils **Dry:** 1.4 mils
- DRY TIME:** *(@ 70° F & 50% Relative Humidity)*
Tack Free: 1 - 2 hrs. | **Recoat:** 4 - 6 hrs. or after overnight.
(Actual dry time may vary according to relative humidity, temperature, color, applied film build and air movement.)
- DRIES BY:** Coalescence
- CLEAN UP:** Warm Soapy Water
- THINNING:** Clean Water
- WEIGHT/GAL:** 9.31 lbs.
- SHELF LIFE:** 2 - 3 years unopened.
- PACKAGING:** 1 Gal. - 4/ea. | 5 Gal. - Each

RECOMMENDED FINISH COATINGS

The following Richard's products are recommended finish coatings for this primer coating material;

- 3600, PoolGuard Waterborne Acrylic Swimming Pool Paint

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 high quality smooth to medium nap synthetic, lamb's wool roller cover, depending on texture or surface porosity.
- **Spray Application:**
 - **Pump:** Gas or Electric Airless Sprayer
 - **Pressure:** Minimum 2000 PSI
 - **Tip:** 0.015 – 0.017 Reversible
 - **Hose:** ¼ inch (6.3 mm) - ¾ inch (10 mm)

PRODUCT LIMITATIONS

- Not For Use In Hot Tubs, Spas, Whirlpools, Fiberglass or Vinyl Lined Pools.
- Not for use in areas subject to intense heat.

CLEAN UP & THINNING INSTRUCTIONS

Clean Up: Clean up any minor spills and splatters immediately with warm soapy water, as well as all painting tools and airless equipment. More serious 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 clean water up to ½ pint per gallon.

PRODUCT APPLICATION – General

Richard's PoolGuard Waterborne Acrylic Swimming Pool Tie Coat may be easily applied with a quality brush, roller, or spray equipment as follows;

- Stir thoroughly in a spiral up and down motion before and during application to keep product completely mixed.
- Working in sections, avoid application in direct sunlight by applying material in shaded areas only, and following shaded areas around the pool.
- **Brush Applications:** When applying by brush, use a quality nylon or polyester bristle brush, or a quality combination of both, and apply a smooth and generous coat on smaller surface areas, such as cutting-in larger surfaces and painting trim.
- **Roller Application:** When applying by roller cover, use a smooth to medium nap roller and apply an even and generous coat in a "W" motion. Re-wet roller and cross-roll application area.
- **Spray Application:** When applying by airless spray equipment, use a unit with a minimum of 2000 psi of pressure, with 0.015 – 0.017 fluid spray tip.
- During spray application, it is recommended to back-roll the surface area to ensure an even coat application, and to ensure proper adhesion.
- 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. Do not apply when surface and air temperature is within 5° of the dew point.
- 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.

ESTIMATED COVERAGE: Covers approximately 300 – 400 square feet per gallon, depending on surface texture and porosity, and the method of application.

ESTIMATED DRY TIME: Dries tack free in approximately 1 - 2 hours, for recoat in approximately 4 - 6 hours, or after allowing to dry overnight, depending on drying conditions. Lower temperatures and higher humidity can slow overall dry/cure process.

PRECAUTIONARY & SAFETY INFORMATION

CAUTIONS: Avoid prolonged contact with skin, and breathing of dust, vapors and/or spray mists. Causes eye irritation. **USE WITH ADEQUATE VENTILATION!** Ensure fresh air entry during application and drying. If you experience eye water, headache or dizziness, or if air monitoring demonstrates vapor/mist levels are above applicable limits, wear an appropriately fitted respirator, (NIOSH approved), during and after application. Follow respirator manufacturer's directions for respirator use. Avoid contact with eyes, skin and clothing. 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 and get medical attention immediately. If you experience difficulty breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical attention immediately. If swallowed, do not induce vomiting, get medical attention immediately.

KEEP OUT OF REACH OF CHILDREN!

LIMITED WARRANTY

Richard's Paint Mfg. Co., Inc. warrants our products to meet the application, appearance and performance properties stated on the label. This Limited Warranty shall not apply to any defect or damage resulting from improper surface preparation, structural defects, failure of a previous paint or improper application of the coating, as described in the directions on the label of this container. If this product is found not to perform as specified, Richard's Paint will, at its option and upon presentation of proof-of-purchase (the original receipt), either furnish an equivalent amount of new product or refund the original purchase price of this product to you. **ALL OTHER WARRANTIES ARE EXCLUDED BY RICHARD'S PAINT MFG. CO., INC., EXPRESSED OR IMPLIED, STATUTORY, BY OPERATION OF LAW OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.**

LIMITATIONS

Seller's liability for any reason is expressly limited to reimbursement of the purchase price of the materials sold after proof of purchase is provided to the seller. **THIS WARRANTY EXCLUDES (1) LABOR AND COSTS ASSOCIATED WITH LABOR FOR THE APPLICATION OR REMOVAL OF ANY PRODUCT, AND (2) ANY INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OR RESULTING FOR ANY REASON UNDER THE SALE, HANDLING, OR USE OF GOODS SOLD.** Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights and you may also have other rights, which vary from state to state. This Limited Warranty may not be transferred or assigned.