



# PRODUCT DATA SHEET

## PROD. #2700 SERIES - PARTS A & B

### POOL GUARD

### SOLVENT EPOXY SWIMMING POOL PAINT



#### PRODUCT DESCRIPTION

Richard's Pool Guard Solvent Epoxy Swimming Pool Paint is a specially formulated two-component polyamide epoxy swimming pool paint designed for application to a variety of new and previously painted swimming pools. It provides a tough, durable gloss finish that is self-priming, provides excellent chemical and stain resistance. It resists abrasion, chipping, cracking & peeling, is easy to apply, and its high build formula provides excellent coverage. It can be applied over most types of epoxy pool coatings, spas, and whirlpools, as well as bare concrete, plaster, Gunitite and Marcite pools. It resists extreme temperature changes, algae growth, and is great for both indoor & outdoor swimming pools.

PRODUCT FEATURES	PRODUCT USES	PERFORMANCE QUALITIES	VOC COMPLIANCE																														
<ul style="list-style-type: none"> <li>Polyamide Epoxy</li> <li>Superior Performance</li> <li>Self-Priming</li> <li>Resists Fading</li> <li>Alkali Resistant</li> <li>Algae &amp; Fungus Resistant</li> <li>Chemical Resistant</li> <li>Excellent Coverage</li> <li>Easy To Apply</li> </ul>	<p>Suitable for the following properly prepared surfaces; <b>INTERIOR / EXTERIOR</b></p> <table border="0"> <tr> <td>Concrete Pools</td> <td>Salt Water Pools</td> </tr> <tr> <td>Fresh Water Ponds</td> <td>Metal Pools</td> </tr> <tr> <td>Gunitite Pools</td> <td>Fish Hatcheries</td> </tr> <tr> <td>Marcite Pools</td> <td>Spas</td> </tr> <tr> <td>Water Fountains</td> <td>Hot Tubs</td> </tr> <tr> <td>Fiber Glass Pools</td> <td>Whirlpools</td> </tr> </table> <p><b>Great For Both Interior &amp; Exterior Pools!</b></p>	Concrete Pools	Salt Water Pools	Fresh Water Ponds	Metal Pools	Gunitite Pools	Fish Hatcheries	Marcite Pools	Spas	Water Fountains	Hot Tubs	Fiber Glass Pools	Whirlpools	<p><b>Product Quality:</b> Premium Best <b>Product Use:</b> Interior / Exterior <b>Application:</b> Brush, Roller &amp; Airless Spray <b>Product System:</b> Solvent-Base <b>Sheen:</b> Gloss</p>	<table border="0"> <tr> <td><b>AIM</b></td> <td>Yes</td> </tr> <tr> <td><b>OTC</b></td> <td>No</td> </tr> <tr> <td><b>CARB</b></td> <td>No</td> </tr> <tr> <td><b>SCAQMD</b></td> <td>No</td> </tr> <tr> <td><b>MPI #</b></td> <td>No</td> </tr> <tr> <td><b>LEED® 09CI</b></td> <td>No</td> </tr> <tr> <td><b>LEED® 09NC</b></td> <td>No</td> </tr> <tr> <td><b>LEED® 09CS</b></td> <td>No</td> </tr> <tr> <td><b>LEED® H</b></td> <td>No</td> </tr> </table>	<b>AIM</b>	Yes	<b>OTC</b>	No	<b>CARB</b>	No	<b>SCAQMD</b>	No	<b>MPI #</b>	No	<b>LEED® 09CI</b>	No	<b>LEED® 09NC</b>	No	<b>LEED® 09CS</b>	No	<b>LEED® H</b>	No
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#### SURFACE PREPARATION

**General:** Improper surface preparation is the direct cause of approximately 90% of all product failures in the application of pool paint coatings! Taking shortcuts will only cause problems. 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 gunitite 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 etched with a solution of one (1) gallon of muriatic acid mixed with one (1) gallon of water, or any ready-mix cleaning and etching solution. Mix and apply in accordance with label directions. Rinse thoroughly with clean water and allow 24 hours to dry thoroughly. 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.
- **Previously Painted Swimming Pools:** Before performing any surface prep, test for the type of existing coating on the pool by wiping an inconspicuous surface area with denatured alcohol, and then Xylene. If the existing coating **does not** soften with either solvent, it is suitable for re-coat with this product. Remove any loose scale, chalked, cracked or peeling coating from previously painted swimming pools by hand scraping, sanding, or power tool cleaning. Scrub the pool surface with a strong alkali detergent, such as TSP, using a stiff bristle brush to remove dirt, oils, or scum. Rinse thoroughly and allow to thoroughly dry. Sand the surface with 80 grit sandpaper to remove any gloss and to create an adequate profile for adhesion. If the existing coating is severely deteriorated, completely remove existing and treat as new. Repair any holes, cracks and surface breaks as stated above and allow to thoroughly dry. Once dry, acid etch the repaired areas using the methods described above.

❖ **Please refer to our Pool Guard Pool Paint Application Guide for more detailed Surface Preparation & Application Instructions.**

- **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](http://www.epa.gov/lead).

#### PRODUCT ANALYSIS DATA

**PIGMENT: 27.13%**

**VEHICLE: 72.87%**

*MORE DETAILED PRODUCT ANALYSIS DATA IS AVAILABLE UPON REQUEST.*

#### TECHNICAL DATA

- **COLORS:** Pearl White & 3 Stock Colors  
2705 Blue Lagoon    2710 Emerald Seas  
2715 Sea Blue
- **TINTING:** Not Recommended
- **VEHICLE TYPE:** Polyamide Epoxy
- **VISCOSITY:** 80 KU ± 2
- **GLOSS @ 60°:** Gloss / 90 Units +
- **FLASH POINT:** 80° F
- **VOC:** Not to Exceed 600 g/l – 5.04 lb/gal  
(Meets AIM Standards)
- **SOLIDS:** By Volume: 53.22% ± 2%  
By Weight: 64.74% ± 2%
- **COVERAGE:** 300 – 400 Sq. Ft. / Gal.  
(Coverage will vary significantly depending on application method, surface porosity and condition of the surface.)
- **MIL FILM:** Estimated @ 350 Sq. Ft. / Gal.  
**Wet:** 4.6 mils                      **Dry:** 2.4 mils
- **DRY TIME:** (@ 70° F & 50% Relative Humidity)  
To Touch: 2 Hours  
Recoat: 4 – 6 Hours & within 36 Hours  
Full Cure: 7 Days  
(Dry times listed may vary according to relative humidity, temperature, film build, color and air movement.)
- **CLEAN UP:** 2200<sup>TH</sup> Epoxy Thinner
- **THINNING:** 2200<sup>TH</sup> Epoxy Thinner

**RECOMMENDED PRIMER COATINGS**

Pool Guard is formulated to be self-priming on properly prepared new and painted pool surfaces.

- **New Concrete, Gunite & Marcite Pools:**
  - Self-Priming
- **Previously Painted Pool Surfaces:**
  - Self-Priming

**APPLICATION EQUIPMENT**

- **Brush Application:** Apply using quality nylon, polyester or combination nylon/polyester, or a quality natural china bristle brush.
- **Roller Application:** Apply using a 3/8" - 1/4" nap synthetic, lamb's wool or mohair roller cover, depending on texture or surface porosity.
- **Spray Application:**
  - **Pump:** Gas or Electric Airless Sprayer
  - **Pressure:** Minimum 2500 PSI
  - **Tip:** 0.015 - 0.019 Reversible
  - **Hose:** 1/4 inch (6.3 mm) - 3/8 inch (10 mm)

**PACKAGING & WEIGHT PER GALLON**

- |                     |                 |                           |
|---------------------|-----------------|---------------------------|
| • <b>Packaging:</b> | Quarts - N/A    | Gallon Kits - 2 Kits/case |
|                     | 2 Gallons - N/A | 5 Gallons - Each          |

- **Weight per Gallon:** 11.91 lbs.

**PRODUCT LIMITATIONS**

- Not for use on vinyl or vinyl lined pools.
- Not for use on pools previously painted with Chlorinated Rubber or Waterborne Acrylic pool paints.

**CLEAN UP & THINNING INSTRUCTIONS**

**Clean Up:** Clean up any minor spills and splatters immediately with **2200<sup>TH</sup> Epoxy Thinner**, as well as all painting tools and airless equipment. More serious paint 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 thin the first coat **2200<sup>TH</sup> Epoxy Thinner**.

**WARRANTY & LIMITATIONS**

The technical information contained herein is accurate to the best of our knowledge. All warranties are excluded, whether expressed or implied, by operation of law or otherwise, including all implied warranties of merchantability or fitness for a particular purpose. Seller shall not be liable, directly or indirectly, under any circumstances for consequential, incidental, special or any other type of damages arising or resulting from any reason under the sale, handling, or use of goods sold. Seller's liability hereunder, and buyer's exclusive remedy hereunder, for negligence or any other reason, is expressly limited to reimbursement of the purchase price of the materials sold after proof of purchase is provided to the seller. Notice of any alleged failure or defect in the material must be given to the seller in writing by certified U.S. mail within 15 days of noticing the problem. Failure to give the required notice within the time provided constitutes a waiver of any claim. The Manufacturer is not responsible for any misrepresentation made by the Dealer.

REV 07-14

**PRODUCT APPLICATION – General**

**Richard's Pool Guard Solvent Epoxy Swimming Pool Paint** may be easily applied with a quality brush, roller cover, or airless spray equipment as follows;

- Mix equal volumes of Part A & B components as stated in the Mixing Instruction Section below. **MIX ONLY WHAT YOU INTEND TO USE!**
- Mixed product should be applied within the next 6 - 8 hours.
- For best results, it is recommended to apply two (2) finish coats.
- Always paint to a natural break in the surface, such as a corner or edge.
- When applying by brush, apply a smooth and generous coat on smaller surface areas, such as cutting-in larger surfaces and painting trim.
- On new or unpainted swimming pools, it is recommended to apply two (2) light finish coats for maximum performance. Too many coats of paint or coats of paint applied too thick may cause blistering.
- The first coat may be thinned with **Richard's #2200TH, Epoxy Paint Thinner**, allow 24 hours dry time, then lightly apply second coat full bodied.
- When applying with a roller, apply a smooth and generous coat application in one direction, maintaining a proper wet edge during application. Re-wet roller, then cross-roll previously applied coating.
- When applying by airless spray equipment, use a unit with a minimum of 2000 psi of pressure, with a 0.015 - 0.019 fluid spray tip.
- During spray application, it is recommended to back-roll the surface area to ensure proper adhesion, and an even coat application.
- 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. Avoid paint application in direct sunlight by starting in the shaded area of the pool and follow the shade around the pool.
- 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.

**MIXING INSTRUCTIONS**

**Pool Guard Solvent Gloss Epoxy Swimming Pool Paint** is formulated as a 1 to 1 ratio mix, example - 1 full gallon of part A mixed with 1 full gallon of part B. Stir both Part A and B components thoroughly with a paint paddle in a spiral up and down motion or with an electric mixer. In a separate container, mix equal parts of both components. **NOTE: Only Mix What You Intend To Use.** Stir Part A and B mixture thoroughly, and allow a 30 minute induction period. Mixed material has a 12 to 18 hour pot life after combining, and should be applied during this time period. **Neither Component Will Work Unless Mixed With The Other!**

**PRECAUTIONARY & SAFETY INFORMATION**

**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 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 content herein may be harmful or fatal.

**KEEP OUT OF REACH OF CHILDREN!**