



# PRODUCT DATA SHEET

PROD. #3600 SERIES

## POOL GUARD WATERBORNE ACRYLIC SWIMMING POOL PAINT



### PRODUCT DESCRIPTION

Pool Guard Waterborne Acrylic Swimming Pool Paint delivers lasting protection in a truly user-friendly waterbase formula. It stands up to the effects of chlorine, shock, common pool treatment chemicals and algae. Provides a rich and colorful satin finish for new or old concrete pools and has excellent color retention. Thins and cleans up with water.

PRODUCT FEATURES	PRODUCT USES	PERFORMANCE QUALITIES
<ul style="list-style-type: none"> <li>Waterborne Acrylic Formula</li> <li>Excellent Coverage</li> <li>Excellent Durability</li> <li>Chemical Resistant</li> <li>Alkali Resistant</li> <li>Fade resistant</li> <li>Dries Fast</li> <li>Easy To Apply</li> </ul>	<p><i>Suitable for, but not limited to the following properly prepared surfaces;</i></p> <p><b>INTERIOR/EXTERIOR</b></p> <ul style="list-style-type: none"> <li>Concrete Pools</li> <li>Concrete Ponds</li> <li>Plaster Pools</li> <li>Gunite Pools</li> <li>Marcite Pools</li> <li>Concrete Fountains</li> </ul> <p><b>Great For Interior &amp; Exterior Pools!</b></p>	<p><b>Product Quality:</b> Premium / Specialty</p> <p><b>Product Use:</b> Interior / Exterior</p> <p><b>Application:</b> Brush, Roller, Airless Spray</p> <p><b>Product System:</b> Water-Based</p> <p><b>Sheen:</b> Satin</p> <p><b>MPI Standards:</b> No</p> <p><b>VOC Compliance:</b> AIM, LADCO, OTC Phase I &amp; 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 that 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](http://www.epa.gov/lead).

### TECHNICAL DATA

- COLORS:** White & 4 Stock Colors
  - 3600 Pearl White      3605 Blue Lagoon
  - 3610 Emerald Seas    3615 Sea Blue
  - 3620 Black
- TINTING:** Not Recommended
- VEHICLE TYPE:** Waterborne Acrylic
- VISCOSITY:** 104 KU ± 2
- GLOSS @ 60°:** Satin | 23 – 27 units
- FLASH POINT:** N/A
- COATING VOC:** Not to Exceed 340 g/l – 2.86 lb/gal  
(Meets AIM, LADCO, OTC I & II, CARB & SCAQMD Standards)
- SOLIDS BY VOLUME:** 43.3% ± 2%
- SOLIDS BY WEIGHT:** 55.0% ± 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:** 2.0 mils
- ESTIMATED DRY TIME:** (@ 70° F & 50% Relative Humidity)  
**To Touch:** 45 min. – 1 hr. | **Recoat:** Allow overnight  
**Full Cure:** 7 Days - Allow 7 days to cure before re-filling pool. Interior pools require 14 days & forced ventilation before re-filling.  
(Actual dry time may vary according to relative humidity, surface & air temperature, color, applied film build and air movement.)
- DRIES BY:** Coalescence
- CLEAN UP:** Warm Soap & Water
- THINNING:** Clean Water
- WEIGHT/GAL:** 10.52 lbs.
- SHELF LIFE:** 2 - 3 years unopened.
- PACKAGING:** Gal. – 4/cs. | 5 Gal. – Each (3600 only)

## RECOMMENDED PRIMER COATINGS

Priming Guidelines Are As Follows:

- **New & Bare Surfaces:** 3650 Pool Guard Swimming Pool Tie Coat
- **Previously Paint with Waterborne Acrylic:** Self-Priming
- **Previously Paint with Chlorinated Rubber or Epoxy:** 3650 Pool Guard Swimming Pool Tie Coat

## APPLICATION EQUIPMENT

- **Brush Application:** Apply using a quality nylon, polyester, or combination nylon/polyester bristle brush.
- **Roller Application:** Apply using a high quality smooth to medium nap synthetic or lamb's wool roller cover, depending on the texture and surface porosity.
- **Spray Application:**
  - **Pump:** Gas or Electric Airless Sprayer
  - **Pressure:** Minimum 2000 - 2500 PSI
  - **Tip:** 0.015 – 0.019 Reversible
  - **Hose:** ¼ inch (6.3 mm) - ⅝ inch (10 mm)

## 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.

**KEEP OUT OF REACH OF CHILDREN!**

## PRODUCT APPLICATION – General

Pool Guard Waterborne Acrylic Swimming Pool Paint may be easily applied with a quality brush, roller cover, or airless spray equipment as follows;

- Stir thoroughly in a spiral up and down motion before and during application. For best results, apply two finish coats.
- To assure color uniformity, always intermix multiple containers of colors and apply a small test area to verify color.
- When applying by brush, apply a smooth and generous coat application on smaller areas, such as painting set areas or cutting-in larger surface areas.
- When applying by roller, use a smooth to medium nap high quality roller cover. Apply an even and generous coat in a “W” motion. Re-wet roller and cross-roll application area.
- When applying by airless sprayer, use a unit with a minimum of 2000 psi of pressure, with 0.015” – 0.019” 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.
- Always maintain a wet edge during application by brushing, rolling or spraying into previously applied coating area.
- If applying two finish coats, allow overnight dry between coats.
- Painting should be started after the dew has evaporated from the surface, and until mid-afternoon to allow coating sufficient dry-time before the sun sets and evening dampness settles.
- Avoid exterior paint application when weather conditions are threatening, and late in the day when there is a threat of moisture condensing on newly painted surfaces.
- Apply when surface and ambient temperatures are above 55° F and below 90° F

## PRODUCT LIMITATIONS

- Not for use on Fiberglass Pool, Hot Tubs, Spas, Vinyl, Vinyl Lined, or Metal Swimming Pools.
- Not for use in corrosive or chemical environments.
- Not for use in areas subject to intense heat.

## 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.

## 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.

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