



## TECHNICAL DATA SHEET



### WATERBORNE ACRYLIC SWIMMING POOL TIE COAT

PRODUCT CODES:	Translucent Green - 1's & 5's
PRODUCT DESCRIPTION:	<p>Encore's PoolPoxi 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 Encore's PoolPoxi Waterborne Acrylic Swimming Pool Paint. It is also an excellent choice for priming bare concrete, plaster, Gunitite 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.</p> <p><b>FOR INTERIOR &amp; EXTERIOR POOLS!</b></p>
SUGGESTED PRODUCT USES:	<p><i>Suitable for application on, but not limited to these properly prepared substrates;</i></p> <p><b>Interior/Exterior:</b> Concrete Pools   Fresh Water Ponds   Gunitite Pools   Marcite Pools   Water Fountains   Salt Water Pools   Plaster Lined Pools   New &amp; Old Pools</p> <p><b>NOTE: Not for use on Hot Tubs, Spas, Vinyl, or Vinyl Lined Pools.</b></p>
SURFACE PREPARATION:	<p><b>GENERAL:</b> 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.</p> <ul style="list-style-type: none"><li>• <b>Surface Repair:</b> 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.</li><li>• <b>New/Unpainted Swimming Pools:</b> 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 <b>Tri-Sodium Phosphate - (TSP)</b>, 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.</li><li>• <b>Previously Painted Swimming Pools:</b> 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, suntan lotions or scum. Rinse thoroughly and allow to 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.</li></ul>
PRODUCT APPLICATION:	<p>Encore's PoolPoxi Waterborne Acrylic Swimming Pool Tie Coat 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.</p> <p><b>Brush Applications:</b> 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.</p> <p><b>Roller Application:</b> When applying by roller cover, use a ¾" nap roller, and apply an even and generous coat in a "W" motion. Re-wet roller and cross-roll application area.</p> <p><b>Spray Application:</b> 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. During spray application, it is recommended to back-roll the surface area to ensure an even coat application, and to ensure proper adhesion. 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. <b>KEEP FROM FREEZING!</b></p>



<b>THINNING:</b>	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.
<b>CLEAN UP:</b>	Clean up any minor spills and spatters 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.
<b>ESTIMATED COVERAGE:</b>	Covers approximately 300 - 400 square feet per gallon. (Coverage will vary depending on application method, surface porosity and condition of the surface.)
<b>ESTIMATED DRYING TIME:</b>	<b>To Touch:</b> 1 - 2 hrs.   <b>To Recoat:</b> 4 - 6 hrs. or after overnight. (@70°F & 50% RH) (Dry times listed may vary according to relative humidity, temperature, film build, and air movement.)
<b>PRECAUTIONS:</b>	<b>CAUTIONS: KEEP OUT OF REACH OF CHILDREN!</b> Avoid prolonged contact with skin, and breathing of dust, vapors and/or spray mists. Causes eye irritation. <b>USE WITH ADEQUATE VENTILATION!</b> 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. <b>DO NOT TAKE INTERNALLY!</b> <b>FIRST AID:</b> 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.

## TECHNICAL DATA

<b>GLOSS @ 60° :</b>	Flat / 0 - 5 Units	<b>FLASH POINT:</b>	N/A
<b>SOLIDS BY WEIGHT:</b>	40.25% ± 2%	<b>SOLVENT SYSTEM:</b>	Water-Based
<b>SOLIDS BY VOLUME:</b>	28.93% ± 2%	<b>AVERAGE DRY TIME:</b>	1 - 2 Hours
<b>V.O.C. :</b>	Not to Exceed 340 g/l (2.86 lbs./gal) (Meets AIM, LADCO, OTC Phase I & II, CARB & SCAQMD Standards)	<b>PACKAGING:</b>	Gal. – 4/case   5 Gal. – Each
<b>ESTIMATED MIL FILM:</b>	Wet – 4.6 mils @ 350 sq. ft. / gal. Dry – 1.3 mils @ 350 sq. ft. / gal.	<b>WEIGHT PER GALLON:</b>	9.78 lbs.
<b>VISCOSITY:</b>	81 KU ± 2	<b>CLEAN UP:</b>	Warm Soapy Water
<b>VEHICLE:</b>	Proprietary Waterborne Acrylic	<b>THINNING:</b>	Clean Water

**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).

### **WARRANTY & LIMITATIONS**

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