



PRODUCT PROFILE SHEET

PROPOXY

Description:

A two-component, waterborne epoxy topcoat that forms an extremely hard, durable and high gloss finish. Formulated for use on concrete, plaster (marcite) and surfaces previously painted with either an acrylic, epoxy or rubber based coating. Unpainted surfaces must be primed with Nelsonite's waterborne HI-BILD PRIMER before the application of PROPOXY.

For Use On:

- Indoor and outdoor pools
- Food service areas
- Locker rooms
- Food and beverage facilities
- Washing areas
- Animal housing

Not For Use On:

- Spas regardless of surface
- Vinyl pool coatings, aluminum, fiberglass or steel surfaces

TECHNICAL DATA (Combined)

Product Number:	46-400, 46-402 (Part B); 46-499 (Part A)
Colors:	White, Bahama Blue
Viscosity:	98 - 102 Kreb Units @ 77°F
Solids by Weight:	53% - 54%
Solids by Volume:	40% - 41%
Actual V.O.C. (Volatile Organic Compounds):	Less than 250 grams per liter (2.08 lbs./gal.)
Solvent(s) Used:	Glycol Ether/Aromatic Hydrocarbons
Finish:	High gloss
Flash Point:	> 200°F/TCC
Dry-To-Touch @ 77°F:	20 - 30 minutes
Dry-To-Handle @ 77°F:	12 hours
Recoat time @ 77°F:	12 hours
Coverage:	Approximately 300 square feet per gallon

Please refer to label for cautions and warnings pertaining to this product.

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DIRECTIONS FOR USE:

TEMPERATURE LIMITATIONS: This product is intended for use in temperatures ranging between 60°F and 80°F. Do not use this product if temperatures are below 60°F or above 80°F. Do not apply to a surface that is in direct sunlight. At higher temperatures (above 75°F), apply PROPOXY in the late afternoon or evening. This coating must be completely dry before it is exposed to direct sunlight.

SURFACE PREPARATION: Clean and prepare the surface to be painted as instructed on Nelsonite's website under "How to Nelsonite Your Pool". For additional information, refer to Nelsonite Informational Bulletins for your specific surface coatings procedures. You may also download "How to Nelsonite Your Pool" at www.nelsonitepoolanddeck.com/nelsonite_your_pool.html

PATCHING PROCEDURES: Thin hairline cracks will be filled by the primer or coating itself. Larger cracks, craters and holes need to be filled with either an epoxy patching compound or a hydraulic cement with an acrylic bonding agent. Patching should be done after the surface cleaning has been completed. All cement-based patches must be acid washed with a solution of 1 part muriatic acid and 1 part water when dry and before painting with PROPOXY. **IMPORTANT!** Sand lightly in straight lines with 100 grit sandpaper before painting.

IMPORTANT! To be used only with PROPOXY Part B. Before mixing Part A with Part B, read all instructions, cautions and warnings on BOTH labels. The mixed product will have the hazards of BOTH components. Observe all applicable precautions.

MIXING: PROPOXY is a two-part product. The mixing ratio is 3:1 - 3 parts of Part A, gallon container, to 1 part of Part B, quart container. Pour Part A and Part B into a separate and larger container. (When painting large surfaces, mix 2 or 3 gallon kits at a time in a 5-gallon pail. Use a roller grid to roll off the excess paint). If necessary, use a rubber spatula to remove the contents of both cans. Stir the combined parts thoroughly for 3 to 4 minutes, preferably with an electric drill with a paint mixing attachment. After mixing, wait 10 minutes for the chemical reaction to take place before application of the product. Stir well again before use. The use life of a mixed 1-gallon unit is 2 hours at 72°F. The use life is shortened at higher temperatures (above 75°F) and/or in larger quantities. When the end of the use life has been reached, the product will thicken; do not apply after this time because the product will not cure. Do not mix more material than can be used in one hour.

THINNING: If thinning is necessary, use water.

SLIP RESISTANCE PROCEDURES: WARNING! Pool steps and shallow areas will be slippery after painting. It is necessary to make these areas slip-resistant by using either Nelsonite Add-A-Grip or 60-mesh white silica sand. Sprinkle the texturing agent amply on the first coat while still wet. Before the application of the second coat, sweep off any excess or loose texturing agent. For public access pools, broadcast the texturing agent on 100% of the area to be made slip-resistant.

APPLICATION: PROPOXY is for use over compatible surfaces which have been properly prepared, patched and cleaned or primed with Nelsonite's waterborne HI-BILD PRIMER. Provide ample ventilation when applying to indoor pools.

- The surface can be damp, but not wet, at time of application.
- PROPOXY can be applied by brush, roller or spray. When rolling, use a premium roller with 1/2" nap.
- This product should be applied in thin coats. Apply the first coat in a uniform and continuous manner, without pinholes or gaps. Two coats are recommended. The wet film thickness when applied should range between 4 - 6 mils per coat. Avoid applying thick coats.
- The second coat should be applied 12 hours after the first coat. If the first coat was applied in an up-and-down direction, apply the second coat left-to-right. Always crisscross your coating application.
- All topcoating **MUST** occur within a 12 to 72-hour period. If more than 72 hours elapse, the surface must be lightly sanded in a straight line to increase intercoat adhesion.
- To insure color uniformity on the final coat, use paint from the same batch (stamped on lid) or intermix paint from different batches.

CLEAN-UP: Soap and warm water.

MAINTENANCE: Maintain your pool as instructed on Nelsonite website under Technical Bulletin #100 "Maintenance of a Coated Pool" at www.nelsonitepoolanddeck.com

SHELF LIFE: This product has a shelf life of approximately 2 years unopened container from the date of manufacture stamped on the lid of this can. The first two digit indicates the year, and the next two digits the month of manufacture.

SPECIAL PRECAUTION: KEEP FROM FREEZING!

Refer to product label and Material Safety Data Sheet (MSDS) for cautions and warnings pertaining to this product.

Limited Warranty:

Due to the fact that the manufacturer has no control over either surface preparation or application, warranty is limited to replacement of product if it is shown to be defective. Such warranty does not include the cost of labor or consequential damages.