



**Nelsonite**  
POOL AND DECK COATING

## PRODUCT PROFILE SHEET

### CR POOL COATING\*

#### DESCRIPTION:

**CR POOL COATING** is a solventbase chlorinated rubber resin. A single-component, high gloss enamel for underwater use, particularly resistant to swimming pool chemicals. Covers stains and hairline cracks. Provides 3 to 6 years of service life.

\* **CR POOL COATING is not for use in California as it exceeds VOC limits for Swimming Pool Coatings in California Air Districts**

#### FOR USE ON:

- Swimming pools, reflecting pools, zoo moats, fountains, fish ponds, and plaster (marcite) and concrete surfaces and surfaces previously painted with a chlorinated rubber or waterborne acrylic coating

#### NOT FOR USE ON:

- Spas, regardless of surface, aluminum, fiberglass, steel surfaces, surfaces already painted with a synthetic rubber, epoxy or vinyl coatings or any waterproofing clear sealers

#### Product Numbers: 41-400 Series –

- 41-400 White
- 41-401 Black
- 41-402 Bahama Blue
- 41-404 Lake Blue
- 41-406 Vanishing Edge Gray

#### TECHNICAL DATA

<b>Product Number(s):</b>	41-400 Series
<b>Color(s):</b>	Various
<b>Viscosity:</b>	69–72 Kneb Units @ 77°F
<b>% Solids by Weight:</b>	46–56
<b>% Solids by Volume:</b>	32–36
<b>Actual V.O.C. (Volatile Organic Compounds):</b>	590 grams per liter or less, 4.92 lbs. per gallon
<b>Solvent(s) Used:</b>	Ketones and Aromatic Hydrocarbons
<b>Finish:</b>	High gloss
<b>Flash Point:</b>	1°F TCC
<b>Dry-to-Touch @ 77°F:</b>	15 minutes
<b>Dry-to-Handle @ 77°F:</b>	1–2 hours
<b>Recoat Time @ 77°F:</b>	24 hours
<b>Curing Time @ 77°F:</b>	5–7 days
<b>Coverage (Theoretical):</b>	Approximately 300 sq. ft. per gallon @ 1 mil DFT
<b>Shelf Life:</b>	3 years from date of manufacture when stored at temperatures not to exceed 90°F
<b>Service Life:</b>	3–6 years

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

# CR POOL COATING\*

## 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, above 80°F, or when relative humidity levels are above 80%. Do not apply to a surface that is in direct sunlight. At higher temperatures (above 75°F), especially when using the dark colors, apply CR POOL COATING in the late afternoon. 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 in 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](http://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 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 water and 1 part muriatic acid when dry and before painting with CR POOL COATING.

**IMPORTANT!** Do not use epoxy patching compounds since CR POOL COATING cannot bond to that type of patching compound.

**MIXING:** CR POOL COATING is ready to use as packaged. Stir thoroughly before use.

**THINNING:** Check your local air quality regulations for VOC limits for the category of Swimming Pool Coatings. Do not exceed local VOC requirements. If thinning is necessary, use Nelsonite Solvent 150 (for use outside California), or Solvent 175 (in VOC-regulated areas). The addition of Nelsonite Solvent 175 will not increase the VOC of the thinned product.

**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:** CR POOL COATING is for use over compatible surfaces that have been properly prepared, patched and cleaned. The surface must be completely dry before the application of this product. Before coating, allow 2 to 3 days for the surface to dry completely after the surface preparation and cleaning procedures. Provide ample ventilation when applying to indoor pools.

- CR POOL COATING can be applied by brush, roller or spray. When rolling, use a premium roller with ½" nap

and a solvent-resistant core. It is best to use a 5-gallon plastic pail and a roller grid when rolling.

- 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 to 6 mils per coat. Avoid applying thick coats. An excessively thick coat can cause blistering. If minor blistering occurs, scrape or sand the blistered area, clean the surface and then repaint.
- The second coat should be applied 24 hours after the first coat. If the pool has been painted before, wait 48 hours between coats. If the first coat was applied in an up-and-down direction, apply the second coat left-to-right. Always criss-cross your coating application.
- To insure color uniformity on the final coat, use paint from the same batch (stamped on lid) or intermix paint from different batches.

**CURING TIME @ 77°F:** 5 to 7 days.

**OUTDOOR POOLS:** Allow surface to dry completely for at least 5 days before filling with water. At temperatures less than 72°F, wait at least 6 days.

**INDOOR POOLS:** Allow 8 to 10 days of curing time.

**CLEAN-UP:** Check your local air quality regulations for VOC limits for solvent usage for the cleaning of coatings application equipment cleaning. Do not exceed local VOC requirements. Clean coating application equipment with Nelsonite Solvent 150 (for use outside California), or Solvent 175 (in VOC-regulated areas). Nelsonite Solvent 175 is compliant with VOC limits for solvent usage for the cleaning of coatings application equipment.

**MAINTENANCE:** Maintain your pool as instructed on Nelsonite website under Technical Bulletin #100 "Maintenance of a Coated Pool" at [www.nelsonitepoolanddeck.com](http://www.nelsonitepoolanddeck.com)

**SHELF LIFE:** Shelf life is approximately 3 years in unopened container from the date of manufacture stamped on the lid of the can. The first two digits indicate the year, and the next two digits the month of manufacture.

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

**LIMITED WARRANTY:** Nelsonite certifies that all Nelsonite products delivered to the customer in new, sealed containers will meet all pertinent quality standards presented in Nelsonite published literature. Since matters of surface preparation, application procedures and other local factors are beyond its control, Nelsonite assumes no liability for coating failure other than to supply replacement material for a Nelsonite product shown to be defective. If you have questions, visit [www.nelsonitepoolanddeck.com](http://www.nelsonitepoolanddeck.com) or call Nelsonite. There is no other warranty, either expressed or implied.

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