



**Nelsonite**  
POOL AND DECK COATING

## PRODUCT PROFILE SHEET

### LOK-ON

**Description:**

A clear, two-component, adhesion-promoting, epoxy coating with a 1:1 mixing ratio. It's used as a tie-coat or adhesion-promoter on unpainted concrete or unpainted plaster. Lok-On seals the surface and virtually guarantees adhesion of the overcoat. Lok-On is formulated for use with waterborne acrylic topcoats, such as Nelsonite's Speedcote 2000 and Waterproofing Concrete and Masonry Sealer. When applied, Lok-On is a very thin material which penetrates deeply into the surface and forms a hard barrier coat.

**For Use On:**

- Unpainted concrete
- Unpainted plaster (marcite)

**Not For Use On:**

- Aluminum
- Wood
- Fiberglass
- All previously painted surfaces
- Steel

#### TECHNICAL DATA (Combined)

<b>Product Number:</b>	49-130 (Base), 49-139 (Catalyst)
<b>Colors:</b>	Clear
<b>Viscosity:</b>	13" #2 Zahn Cup
<b>Solids by Weight:</b>	24%
<b>Solids by Volume:</b>	21%
<b>Actual V.O.C. (Volatile Organic Compounds):</b>	Less than 340 grams per liter (2.84 lbs.gal)
<b>Solvent(s) Used:</b>	Alcohol/Gycol Ether
<b>Finish:</b>	N/A
<b>Flash Point:</b>	>200°F/TCC
<b>Dry-To-Touch @ 77°F:</b>	10 minutes
<b>Dry-To-Handle @ 77°F:</b>	20 minutes
<b>Recoat time @ 77°F:</b>	Must be within 3 hours
<b>Coverage (Theoretical):</b>	336 square ft. per gallon @ 1 mil DFT

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

# LOK-ON

## 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 LOK-ON 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](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 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 coating with LOK-ON. **IMPORTANT!** Sand lightly in straight lines with 100 grit sandpaper before applying LOK-ON.

**IMPORTANT!** To be used only with LOK-ON 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:** LOK-ON is a two-part product. The mixing ratio is 1:1 - 1 part of Part A, to 1 part of Part B. Pour Part A and Part B into a separate and larger container. If necessary, use a rubber spatula to remove the contents of both cans. Stir the combined parts thoroughly for 3 to 4 minutes with a wooden stick or an electric drill with a paint mixing attachment. After mixing, wait 5 minutes for the chemical reaction to take place before application of the product. Stir well again before use. The use life of the mixture is 12 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 12 hours.

**THINNING:** LOK-ON is ready to use after it has been mixed. No thinning is required.

**APPLICATION:** LOK-ON is for use over compatible surfaces which have been properly prepared, patched and cleaned. Before painting, allow 2 - 3 days for the surface to dry after completing the surface preparation and cleaning procedures. Indoor pools require an extra 2 - 4 days of drying time. Provide ample ventilation when applying to indoor pools.

- New concrete should age 30 days before the application of LOK-ON.
- The surface can be damp, but not wet, at time of application.
- Apply LOK-ON either by brush, roller or spray. When rolling, use a premium roller with 1/4" nap.
- Apply a thin coat in an even manner. Apply just enough to cover the surface.
- Do not apply more than 1 coat of LOK-ON.
- Overcoat with the topcoat when surface is only slightly tacky and able to be walked on. The exact time will depend on the porosity of the surface and the temperature at time of application. It will range from 10 - 20 minutes.
- LOK-ON **MUST** be overcoated within 3 hours of time of application.

**CLEAN-UP:** Soap and warm water.

**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.*