

## DESCRIPTION:

SAHARA OASIS SWIMMING POOL PAINT is a solvent-thinned chlorinated vinyl toluene-acrylate, low lustre coating for use on unpainted or previously painted concrete swimming pools. SAHARA OASIS SWIMMING POOL PAINT makes cleaning simpler and eases inspection for cleanliness and maintenance needs. OASIS will smooth or fill the rough surfaces of concrete and reduce chances of abrasion and scratches to bathers. OASIS also protects concrete surfaces that can slowly deteriorate from exposure to weather and water. Do not apply over epoxy paint.

## SURFACE PREPARATION:

The primary function of a swimming pool finish is to produce a watertight coating with minimum permeability. Two coats should be applied to provide adequate covering and maximum performance.

## NEW CONCRETE POOLS:

- New concrete pools should be filled with water and allowed to age for 30-45 days.
- After the recommended aging period, empty the pool and wash it with a TSP (Trisodium Phosphate) solution or other appropriate cleaner.
- Mix TSP with warm water, never use a soap-type detergent. Soap products can leave a soapy film on the surface that will result in poor adhesion.
- Next, follow the HOW TO WASH YOUR POOL directions.

## PREVIOUSLY PAINTED POOLS:

- Remove any paint that is peeling, blistering, powdering, chalking, or any paint that is not in good condition. Glossy surfaces must be dulled. Sand blasting the old surface is preferred since it removes stubborn spots and leaves a uniformly clean and porous surface. If only small areas require treatment, scraping and wire brushing should prove adequate. **Not recommend for use over epoxy paint.**
- Next, follow the HOW TO WASH YOUR POOL directions.

## HOW TO WASH YOUR POOL

### Cleaning:

- Mix eight ounces of TSP to each gallon of warm water. One gallon of this solution will wash approximately 200 square feet of wall or floor surface (29 square meters per 3.785 liters).
- Scrub surface with solution and heavy duty scrub brush. Always start on wall first and then proceed to the floor.
- Rinse off the residue with clean water right after you scrub. Be careful not to allow the pool washing solution to dry on the surface.
- A power washer may be used (a minimum 2,000 psi required with a 15 degree tip maximum). When using a power washer always follow manufacturer's recommendations and warnings.

### Acid Etching:

- CAUTION--WHEN USING MURIATIC ACID ALWAYS READ AND FOLLOW THE MANUFACTURER'S RECOMMENDATIONS AND USE THE PROPER EQUIPMENT AND APPAREL.
- Acid etching is required on bare masonry surfaces like concrete or plaster. It is also effective for removing chalky residue and hard mineral deposits on previously painted pools.
- Even on previously painted pools, we strongly recommend to acid etch the surface.

### Mixing the Acid Solution:

- Allow the surface to dry before etching with a 10% solution of muriatic acid and water to properly prepare the surface.
- Mix in a plastic bucket by slowly adding one gallon of 20% muriatic acid into one gallon of water. This will yield 2 gallons of 10% solution. One gallon of solution will be sufficient for etching 200 square feet of pool surface (19 square meters per 3.785 liters).

### Etching Procedure:

- Liberally brush the acid solution on the surface. The acid will bubble on the surface when applied. As soon as the bubbling ceases, thoroughly rinse the surface with clean water.
- Important--After etching, wash the pool surface a second time with TSP (see HOW TO WASH YOUR POOL directions).
- Allow the pool surface to thoroughly dry after washing and etching before painting. Proceed to paint application.

### APPLICATION:

- Once you have followed the correct surface preparation procedures for your swimming pool, you will be ready to apply the finish coats of paint.
- The first coat of paint should be thinned, with up to one pint of mineral spirits per gallon of paint. Apply by brush or roller (1/4-3/8 inch nap roller cover recommended). Allow to dry (see drying instruction).
- The first coat penetrates and fills surface voids to give the total film strong adhesion.
- Without thinning, apply the second coat of paint by brush, roller or spray gun. Allow a minimum of **seven days** after application of the final coat of paint before **filling the pool**.

### CLEAN UP:

Clean rollers and equipment with mineral spirits. Dispose of unused paint and waste in accordance with local, state and federal regulations.

### COVERAGE:

One coat of paint will cover a range of 250-300 square feet per gallon (23-28 square meters per 3.785 liters), depending on the surface.

### DRYING:

Optimum drying conditions are 60°F-90°F (16°C-32°C) at 50% R.H. To Touch--3 hours. To Recoat--24 Hours. To Fill Pool--7 Days. Lower temperatures and high humidity will slow dry time.

To spray, use the following recommendation or equal as a guide:

#### AIRLESS SPRAY

Tip .....	.013-.017"
Fan. ....	40°-60° (8"-12")
Pressure. ....	1,500-2,000 PSI

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Values based on **SAHARA OASIS SWIMMING POOL PAINT 5210 White, 5217 Surf Blue, 5224 Black**

Weight Gallon: 10.17

Weight Solids: 58.70%

Volume Solids: 34.08%

Coverage:

@ 1 Dry Mil: 547 sq. ft./gallon

@ Spread Rate: 400 sq. ft./gallon (4.0 mils wet)

Deposits a 1.3 mil dry film

VOC (g/l): Not to exceed 600

Viscosity: 65-72 K.U. @ 77° F.

Gloss @ 60: 10 Max

Grind (Hegman): #2

DOT Class: Combustible, Flash Point 103°F.

Federal Specification: TT-P-95 Performance Alternate

HMIS/NFPA: 1,2,0

Cure Time (Based on 70° F. & 50% R.H.):

To Touch: 3 Hours

To Recoat: 24 Hours

Recommended Thinner: Mineral spirits for clean-up and up to one pint per gallon for first coat.

Temperature Resistance: Continuous 150° F., Intermittent 200° F.

**CAUTION!** Keep away from heat and open flame. Avoid prolonged contact with skin and breathing of vapor or spray mist. Do not take internally. Close container after each use. Use only with adequate ventilation. KEEP OUT OF REACH OF CHILDREN. For specific safety requirements, refer to the Material Safety Data Sheet.

LIMITATION OF LIABILITY: To the best of our knowledge, the technical data contained herein is true and accurate at the date of issuance, but is subject to change without prior notice. We make no guarantee of any kind, express or implied, including merchantability and fitness for particular purposes. Liability, if any, is limited to replacement of the product or refund of the purchase price. Labor, or cost of labor, and other consequential damages are hereby excluded.