

# Soterra Marble Sealer

*penetrating water & oil repellent*

## DESCRIPTION AND USE

Soterra Marble Sealer is a clear, penetrating water and oil repellent suitable for use on interior or exterior marble substrates. Soterra Marble Sealer penetrates deeply to provide surface and subsurface protection without forming a glossy surface film. Treated surfaces retain their natural color, texture and appearance. Soterra Marble Sealer combines high quality siloxane resins with “oleophobic” resins to produce a penetrating water and oil repellent ideal for long-term protection against food, oil and waterborne staining. Unlike conventional penetrating oil repellent products, Soterra Marble Sealer has been modified to ensure effectiveness on marble.

## ADVANTAGES

- Easy to maintain.
- Protects against oil and water.
- No surface buildup or gloss.
- Treated surfaces “breathe” – does not trap moisture.
- Treated surfaces normally retain their natural color, texture and appearance.
- Ideal for treating shopping center and hotel floors, entryways and pedestrian walkways.
- Low odor.

## Limitations

- Not for application to asphaltic or painted surfaces.
- Surface coatings and paints applied over treated surfaces may not adhere.
- May darken some surfaces. Always test to determine that appearance of treated stone is acceptable.
- May damage glass, synthetic and reflective materials. Always protect.

## TYPICAL TECHNICAL DATA

FORM: Clear liquid, mild odor

SPECIFIC GRAVITY: 0.809

ACTIVE CONTENT\*: 12%

pH: NA

WT./GAL.: 6.73 lbs.

FLASH POINT: 126°F (52°C) ASTM D 3278

FREEZE POINT < -22°F (< -30°C)

## VOC Information

Manufactured and marketed in compliance with USEPA AIM VOC regulations (40 CFR 59.403). Not suitable for sale in states and districts with

more restrictive AIM VOC regulations, except in regulation-exempt small-container sizes (quarts and smaller).

## PREPARATION

**Protect** people, vehicles, plants, nearby property and nonmasonry surfaces from contact with product, splash, spray, fumes or wind drift. Divert pedestrian and auto traffic if necessary. Remove all dirt and surface contaminants. **Do not use raw acids.** Rinse surface thoroughly after cleaning to remove all cleaning compounds and residues. Let surfaces dry thoroughly (at least 24 hours) and protect from pedestrian traffic before application.

All caulking, patching and joint sealants should be in place and cured to avoid interference with adhesion. Product will not compensate for material or structural defects.

## Surface and Air Temperatures

Surface and air temperatures should be at least 40°F (4°C) and less than 90°F (32°C) and expected to remain so for 4 hours following application. On warm days, apply early in the day and to shaded areas.

## Equipment

Use low-pressure (40 psi maximum) spray equipment, brush or roller. Set power spray to lowest possible pressure. Do not atomize/vaporize the material. Use solvent-resistant equipment to avoid discoloration – do not use rubber hoses or gaskets. When applying to flatwork, broom out puddles of excess material with a stiff-bristled broom.

## APPLICATION

**Before use, read “Preparation” and “Safety Information.”**

**ALWAYS TEST** each type of surface for suitability and results before overall application. Use the following application instructions. Let test panels dry thoroughly before inspection. Verify any darkening created by the treatment is acceptable.

## Dilution

Apply as packaged. **DO NOT DILUTE OR ALTER.** Stir or mix well before use.

### **Vertical Application Instructions**

Apply uniformly from the bottom of surface to the top with enough material to saturate the surface and create a slight rundown below the contact point of the spray pattern, brush or roller. Brush out heavy runs or drips thoroughly so that the material completely penetrates the surface.

Porous surfaces require a “wet-on-wet” application. Let the first application penetrate the masonry surface and then reapply (within 5 minutes) in the same saturating manner. Less material will be needed on the second application.

### **Horizontal Application Instructions**

On flat surfaces, apply Soterra Marble Sealer in a single saturating application. Use enough so the surface stays wet for about 2 to 3 minutes before the product penetrates the surface. Lightly broom puddles and use clean, absorbent towels to pick up excess material that does not immediately penetrate. Don't overapply. Surface buildup or prolonged puddling can cause discoloration.

### **Dense Surface Application Instructions**

Apply a single coat. Use enough to completely wet the surface without creating drips, puddles or rundown. **DO NOT OVERAPPLY.** Test for application rate. Buff off excess material as soon as possible after application. Protect treated surfaces from vehicular and pedestrian traffic for at least 4 hours after treatment. Provide cross ventilation and fresh air to interior spaces for at least 8 hours after application. Protect treated surfaces from rainfall for 4 to 6 hours. Soterra Marble Sealer develops its oil-resistant properties in 24 hours and water-repellency properties in 72 hours.

**NOTE:** Some floor and wall systems incorporate asphaltic or other crack-suppression membranes. This deeply penetrative protective treatment may penetrate through exposed stone, tile, grout or paver surfaces and react with the membrane to mobilize objectionable staining. **ALWAYS PRETEST TO ENSURE DESIRED RESULTS.**

### **Clean Up**

Clean tools and equipment immediately with mineral spirits or an equivalent cleaning solvent. Remove overspray and spills as soon as possible.

### **Maintenance**

Surfaces maintained and detailed on a regular basis (every 4 to 6 months) by qualified stone professionals

may be protected with an initial application of Soterra Marble Sealer at a coverage of 200 to 250 square feet per gallon. For best protection, selectively reapply in high traffic areas as part of scheduled maintenance and detailing. For surfaces maintained on an irregular basis, application rates should be controlled to 100 – 200 square feet per gallon.

Use water to remove any spills or stains from surfaces treated with Soterra Marble Sealer as soon as possible.

## **SAFETY INFORMATION**

**Danger.** Combustible liquid and vapor. Harmful or fatal if swallowed. For use by professional applicators only. Keep out of the reach of children.

### **Precautions**

**Contains:** Odorless Mineral Spirits, Isobutyltriethoxysilane, Alkyl polysilicates, ethyl alcohol. Vapor harmful. May affect the brain or nervous system causing dizziness, headache or nausea. Causes eye and skin irritation.

**Combustible liquid and vapor.** Keep away from heat, sparks and flame. Vapors may travel along the ground or by ventilation to remote ignition sources. Extinguish all flames and pilot lights, and turn off stoves, heaters, electric motors and other sources of ignition during use and until all vapors are gone. Use appropriate, spark-proof equipment during transfer and application. Do not cut, grind, weld, or drill on or near this container, even if empty.

**Use only with adequate ventilation.** Do not breathe vapors or mist. Inhalation of aerosols may injure liver or kidneys. Ensure fresh air entry during application and drying. When applying to exteriors of occupied buildings, make sure all windows, exterior intakes and air conditioning vents are covered and air handling equipment are shut down during application and remain so until odors dissipate. Ethyl alcohol will evolve during curing of this product. If you experience eye watering, headache or dizziness or if air monitoring demonstrates vapor/mist levels are above applicable limits, wear an appropriate, properly fitted, NIOSH-approved respirator. Wear a dust/mist respirator if mists are present. Avoid contact with eyes, skin and clothing. Wear safety glasses and gloves to prevent contact. Additional protection may be required depending on application methods. Wash thoroughly after handling. Read the MSDS and product label for additional precautionary information. Always read product label thoroughly before use.

**First Aid**

*Ingestion:* If swallowed, call a physician immediately. **ASPIRATION HAZARD:** Do not induce vomiting or give anything by mouth. Only induce vomiting at the instructions of a physician. If vomiting occurs, keep head below waist to prevent entry of liquid into lungs.

*Eye Contact:* Rinse eyes thoroughly for 15 minutes. Get medical assistance if irritation persists.

*Skin Contact:* Rinse thoroughly with soap and water. Remove contaminated clothing and launder before reuse. Get medical attention if irritation persists.

*Inhalation:* Remove to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if not breathing. Get immediate medical attention.

**24-hour emergency information: INFOTRAC at 800-535-5053**

NOTICE: Reports have associated repeated and prolonged occupational exposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

**Spills:** Eliminate sources of ignition. Follow all label precautions. Keep product from soil, sewer systems and water. Contain spilled material and remove with inert absorbent. Dispose of contaminated absorbent, container and unused contents in accordance with local, state and federal regulations.

**Container Disposal:** This container is hazardous when empty. Do not reuse container or remove label. Drain thoroughly and dispose of in a sanitary landfill (check local restrictions) or send to a properly licensed reconditioner.

**Storage and Handling:** Store this container upright in a cool, dry, shady place with adequate ventilation. Keep away from heat and open flames. Keep tightly closed when not dispensing. Do not use pressure to empty. **Do not alter** or dilute the product except as specified. Do not use for any other purpose. Always protect passersby, building occupants and non-masonry surfaces.

**Shelf life:** 2 years from the date of manufacture if stored in a tightly sealed, unopened container.

---

\*PROSOCO Technical Data for reactive, penetrating protective treatments reports Active Content – a calculated value based on raw materials used in the formulation. Some active content is consumed as the treatment polymerizes, reacts and bonds with the substrate.

ASTM D 5095 - Standard Test Method for Determination of the Nonvolatile Content in Silanes, Siloxanes and Silane-Siloxane Blends Used in Masonry Water Repellent Treatments – adds a catalyst to reactive treatments to measure total solids. Total solids for this product is 10%.