



## Solo Seal

### Product Data Sheet

#### WATER REPELLENT SEALER

#### BENEFITS:

- Deep penetration of absorbent surfaces due to small molecular structure
- Reduced water absorption reduces spalling due to freeze-thaw, and efflorescence
- 100% water vapor permeable; Breathable vapor emission blocker
- Environmentally friendly, low VOC (< 37 g/l); low odor
- Interior and exterior applications

**DESCRIPTION:** VanHearron's Solo Seal is a one component, VOC compliant, penetrating water repellent which contains a proprietary modified siloxane.

**USAGE:** Solo Seal can be used on grout, unglazed tile, all porous natural and fabricated stone, a wide variety of masonry surfaces, even unfinished wood. It is suitable for above grade applications.

**ADVANTAGES:** This water-based siloxane penetrates pores and capillaries up to ¼" or more, depending on surface porosity and moisture content at the time of application. Solo Seal can be used effectively interior and exterior applications.

**LIMITATIONS:** Not for use on granite. Not suitable for below grade applications.

**APPLICATION:** **Read entire label before using. Use only as directed. Do not dilute or alter Solo Seal.** *Before applying, it is highly recommended that preliminary test be carried out in a small inconspicuous area with a 24 hour cure time to determine ease of application and desired results.*

Surface must be free of standing water, sealers, coatings and contaminants. **Shake well.** Apply with low-pressure sprayer, spray bottle, brush or roller.

**Vertical surfaces:** Apply from top down using a spray bottle or low-pressure sprayer (10 – 25 psi) with a fan-type nozzle or with a roller with a minimum 3/8" nap. Flood surface until excess runs down 6" to 8" below spray or roller pattern. A wet-on-wet re-application within two minutes is recommended for maximum coverage.

**Horizontal surfaces:** Brush or broom to spread material to a more porous area. Apply a single flood coat using sufficient material so the surface remains wet for three to five minutes. For maximum coverage, a wet-on-wet reapplication within two minutes is recommended. Allow product to soak in for five to ten minutes,

wipe off excess material on surface. **Over application or ponding may cause darkening of surface.**

**DRY TIME:** Dry time for Solo Seal is largely dependent upon temperature and humidity. It will usually be dry to the touch between two to six hours. Allow 24 to cure.

**COVERAGE:** Approximate 200 – 2000 square feet per coat per gallon, depending on the type of surface, porosity of the surface, texture, temperature, and method of application.

**Warnings: Protect from freezing. Do not dilute or alter.** Use eye protection and minimize skin contact with gloves and clothing. Use in well-ventilated area away from sparks and open flame. Do not smoke in vicinity of application. Do not store or use near sparks or open flames. Protect all adjacent and non-targeted surfaces, window glass, vehicles, aluminum, and plant life from overspray. Immediately remove overspray with soap and water or solvent. Unprotected surfaces should be pre-wet with water and continuously rinsed.

**AVAILABILITY:** Solo Seal is available in 1 gallon, 32 oz. and 16 oz. bottles.

**APPEARANCE:** Milk white

**ODOR:** Very slight odor

**pH:**(Typical) 5

**BOILING POINT,** 760 mm Hg: 212°F, 100°C

**VAPOR PRESSURE,** at 20 deg. C: 17.5 mm Hg

**LIQUID DENSITY :**1 g/cc

**SOLUBILITY IN WATER,** by wt.:100 %

**SPECIFIC GRAVITY (H2O = 1):** 1

**PERCENT VOLATILE BY VOLUME:** 5.5%

**PERCENT VOLATILE BY WEIGHT:** 5.5%

**VISCOSITY:** Similar to water

**EVAPORATION RATE (Butyl Acetate = 1):** Similar to Water

**PHYSICAL STATE:** Liquid

*Contact VanHearron, Inc.'s Technical Services for further information or application instructions.* Technical service engineers and chemists are available to answer questions on product performance, application methods, and chemical composition.

VanHearron's state-of-the-art protective treatments have developed a reputation among architects and design professionals as the premier solution for construction chemicals. VanHearron, Inc. is dedicated to solving the destructive influence water intrusion and other elements have on tile and natural surfaces.

Disclaimer/Warranties: Neither manufacturer nor seller have any knowledge or control concerning the purchaser's use of the product. No expressed warranty is made by manufacturer or seller with respect to the results of any use of the product or container wherein the product is packaged. No implied warranty, including but not limited to an implied warranty of merchantability or an implied warranty of fitness for a particular purpose are made with respect to the product. User shall rely on his or her own information and tests to determine suitability of the product for the intended use. User assumes all risk and liability resulting from use of the product. Neither manufacturer nor seller assume any liability for personal injury, loss, or damage resulting from the use of the product. We do not suggest or guarantee that any hazards listed herein are the only ones which may exist. In the event that the product shall prove defective, buyer's exclusive remedy shall be that the seller or manufacturer shall, upon written request of buyer, replace any quantity of the product which is proven to be defective or shall, at its option, refund the purchase price of the product upon return of the product. Manufacturer shall not be responsible for use of this product in a manner to infringe on any patent held by others.