

# SMARTGUARD **SP**

## POLISH AND STAIN PROTECTOR

### ***POLISH AND STAIN PROTECTOR FOR CONCRETE AND TERRAZZO***

#### **PRODUCT OVERVIEW**

SMARTGUARD SP is an acrylic and lithium formulation that improves the surface sheen and stain resistance of conventional concrete, hardened concrete, and cement terrazzo floors. Surfaces treated with SMARTGUARD SP resist damage from water, acid and surface abrasion.

Ideal for application to standard grey or colored concrete, SMARTGUARD SP protects and enhances the color intensity on natural concrete, integrally colored concrete and color stained concrete. SMARTGUARD SP provides a long lasting, high gloss finish that maximizes light reflectance and stain protection.

#### **TECHNICAL DATA**

FORM      Viscous milky white liquid

SPECIFIC GRAVITY      1.01

pH      6-8

WT/GAL      Not available

ACTIVE CONTENT      Not applicable

TOTAL SOLIDS      Not applicable

VOC CONTENT      0

FLASH POINT      >300 Open Cup

FREEZE POINT      32 F

SHELF LIFE      Not available

#### **ADVANTAGES**

- **Increases clarity and shine on concrete floors with maximum light reflectance**
- **Enhances color**
- **Reduces surface abrasion**
- **Gloss & hardness do not reduce slip resistance**
- **Protects against acid stains**
- **Breathable and UV stable**
- **VOC Compliant**
- **Non-Flammable**
- **Non-Toxic**
- **Low Odor**
- **Eliminates the need for floor waxes, liquid polishes and other common coatings**

#### **LIMITATIONS**

- Not for use on surfaces exposed to standing or pooling water
- Seller offers no warranties, expressed or implied, for any particular purpose which extend beyond or within description and/or limitations pertaining to this product. Persons testing for desired results and effects to determine suitability of this product performance, for any intended or unintended purpose shall be solely responsible for any unforeseen outcome related to this product.

#### **REGULATORY COMPLIANCE**

V.O.C: 0

#### **FIRST AID**

**Skin:** If comes in contact with skin, it may cause irritation. Quickly wash with soap and water.

**Eyes:** If product gets in eyes, quickly flush with water for 15 minutes. Seek medical attention if irritation persists.

**Ingestion:** Do not swallow, may be harmful. Seek medical attention immediately.

**Inhalation:** Remove to fresh air. Seek medical attention immediately if problems continue.

#### **WARRANTY**

All instructions are considered guides and should not be considered complete. In the event of failure, the only obligation of Stone Pro's shall be to replace products proven to be defective. Before using, user shall determine the suitability of product for there intended use. User assumes all risks and liability whatsoever in connection therein. Neither seller nor manufacturer shall be liable for any injury or inability to use this product.

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## POLISH AND STAIN PROTECTOR

### ALWAYS TEST

ALWAYS TEST a small area of each surface to determine suitability and desired results prior to starting the overall application. Test with the same equipment, recommended surface preparation and application procedures planned for general application.

### PREPARATION

Protect people, vehicles, property, plants and all surfaces not designed to receive SMARTGUARD SP from product splash and wind drift.

Do not apply to surfaces which are frozen, dirty or have standing water.

### EQUIPMENT

Apply with low pressure sprayer and a microfiber mop. Do not atomize.

Burnish with a 1500 RPM or 3000 RPM electric or propane burnisher and a hogs-hair extreme pad.

### COVERAGE

Variations in concrete quality, porosity, job site conditions, temperature and relative humidity will affect coverage rates and drying times.

Apply SMARTGUARD SP at the highest coverage rate. Applications to highly polished floors yield the highest coverage rates. Two thin applications of SMARTGUARD SP achieve better results than one heavy coat.

- 1,000 sq. ft. per gallon

### Surface and Air Temperatures

Temperatures for application should be 40-100°F (4-38°C).

### APPLICATION

ALWAYS TEST for suitability and desired results before overall application. Let test area thoroughly dry before inspection.

### DILUTION

Do not dilute.

### APPLICATION INSTRUCTIONS

1. Lightly wet a clean microfiber pad with SMARTGUARD SP and wring out the excess, leaving the pad damp.
2. Apply a light, fine spray of SMARTGUARD SP to a small section of the floor using a clean pump sprayer fitted with a 0.5 gpm spray tip.
3. Using a damp microfiber pad, immediately spread SMARTGUARD SP to produce a thin, even coating. Spread the product as far as possible while maintaining a wet edge. Avoid overlapping.
4. Allow to dry tack free, typically 60-90 minutes.
5. Once dry, burnish SMARTGUARD SP using a high-speed burnisher fitted with a hogs-hair extreme pad. In addition to polishing the treated surface, high-speed burnishing heats the SMARTGUARD SP to help the treatment fuse and bond with the concrete for increased durability.
6. Repeat steps 1-5 above as necessary for the desired finish. Burnish between coats.

### Drying Time

Surface is ready for traffic within 1 hour of final burnishing. Protect from water exposure for 72 hours.

### BEST PRACTICES

Surfaces to be treated must be clean, dry and absorbent. Confirm surface absorbency with a light water spray - surfaces designated for treatment should wet uniformly.

Acid-stained concrete must be thoroughly neutralized and rinsed prior to application SMARTGUARD SP.

For best results, floors should be treated with SMARTKRETE DENSIFIER XL prior to application of SMARTGUARD SP.

For best durability always use SMARTKLEAN L for maintenance cleaning of polished SMARTKRETE floors. Conventional floor cleaners may contain ingredients that can dull high-gloss finishes. SMARTKLEAN L contains no harsh acids, alkalines, solvents or abrasives. It does contain lithium-silicate to help maintain the hardness and density of floors treated with densifiers.

### CLEANUP

Clean tools and equipment using fresh water. Immediately wash off over spray from glass, aluminum, polished or other surfaces with fresh water.

### STORAGE AND HANDLING

Store in a cool, dry place. Always seal container after dispensing. Do not alter or mix with other chemicals. Maintain temperatures of 40-100°F (4-38°C). Dispose of unused product and container in accordance with local, state and federal regulations.