



## TECHNICAL DATA SHEETS

# AMERIPOLISH® 3D SP™ STAIN PROTECTOR

### PRODUCT DESCRIPTION

Ameripolish® 3D SP™ Stain Protector is a semi-penetrating finishing treatment designed specifically to add stain protection, color protection, and color enhancement to diamond-polished concrete. To obtain optimum performance, use Ameripolish® 3D HS™ Densifier. This product can be used with dyes and densifiers from other manufacturers, however, use with Ameripolish® for optimum stain protection and color retention.

### PRODUCT SPECIFICATIONS

**STANDARD COLOR:** (Before dry) milky liquid appearance

**COVERAGE PER GALLON:** 500-700 square feet per gallon

**PACKAGING INFORMATION:** Product Sizes – 1 gallon, 5 gallon, 30 gallon, 55 gallon, 250 gallon

**SHELF LIFE:** 1 year in unopened containers

**FINISH CHARACTERISTICS:** Darkens the concrete. • Enhances color, gloss & clarity.

### FEATURES

• Ameripolish® 3D SP™ is a semi penetrating stain protector specifically formulated to protect polished, dyed concrete from oil and water-based stains and acidic etching agents. • Bonds with the other Ameripolish® components to protect color in slab. • Contains UV stabilizers to help protect colorants in concrete against fading. • Provides “window of opportunity” to clean up spills before they stain or etch surface • Low-odor, non-flammable, VOC compliant (<5g/L)

### PREPARATION

In most cases the 3D SP™ will extend protection against color fading or dissipating, due to variables in application, maintenance, and the concrete itself.

**WARNING:** People, property, vehicles, animals, plants, and surfaces not intended to be stain-protected should be protected from the product, splash, overspray, and wind drift, using polyethylene sheeting or other proven protective material. Complete all grinding, coloring, densification and polishing before applying. Thoroughly clean the surface that 3D SP™ is to be applied to, removing all oil, dirt, laitance and other contaminants. Vacuum and clean surface with auto-scrubber and fresh water. Allow to dry thoroughly. New concrete should cure for 28 days.

### DILUTION AND COVERAGE

Ameripolish® 3D SP™ is shipped ready to use. On polished concrete floors, 3D SP™ will cover approximately 2000 - 2500 sf / gal (49-60 m<sup>2</sup> / L) for each application, depending on the porosity of the concrete. Test areas to determine appropriate application procedure and adjust application rate.

### APPLICATION

Testing: Prior to starting project, apply Ameripolish® 3D SP™ to sample area of each type of concrete to be treated, using applications procedures proposed for project. Confirm that concrete is receptive to 3D SP™. Project Conditions: Ambient temperature during application should be 40-90°F (4-32°C). Equipment: Apply 3D SP™ using a low pressure sprayer fitted with Patriot Green #4 or similar conical mist tip with 4.2 gal/hr flow at 40 psi, (15.9 L /hr at 275.8 kPa) and Ameripolish® Microfiber pad or similar microfiber floor finish applicator pad. Application: 3D SP™ provides the best protection when applied in two light applications.

1. Submerge Ameripolish® microfiber mop in 3D SP™ to wet thoroughly. Ring out excess material. Spray a light mist of 3D SP™ onto concrete surface, and immediately spread evenly with Ameripolish® microfiber mop.
  - Apply enough material to attain 100% coverage, without dry streaking or puddling.
  2. Once dry to a tack-free state, high-speed burnish fitted with 800 grit or higher pad.
  3. Apply the second coat using same spray and spread method and allow to dry.
  4. Once dry to a tack-free state, high-speed burnish fitted with 800 grit or higher pad.
5. Chemical resistance gains strength over time. Avoid exposure to etching agents for 7 days if possible. Areas that will be exposed to excessive, ongoing spills may benefit from a third application of 3D SP™ before burnishing. If additional applications are desired, check that work surface is tack-free before proceeding.

## APPLICATION (cont'd from page 1)

Floor is ready for light foot traffic when 3D SP™ is tack-free; ready for equipment traffic within 24 hours. 3D SP™ cures fully within seven days. However, concrete, even after becoming densified and polished, is still a porous substrate. Densifiers can take 2-6 weeks to attain full densification.

## CLEANUP

Clean tools and equipment immediately with water. Always remove rundown and spills immediately.

## STORAGE AND HANDLING

Keep containers upright and tightly sealed. Do not allow product to freeze, nor use if it has been frozen. Keep under 110° F.

## MAINTENANCE

Spills of staining agents or acidic etching agents including acidic food substances (e.g. vinegar, pickle juice) should be cleaned up immediately to minimize damage to surface. Remove dust and debris with AmeriPolish® Microfiber pad or dry mop. Surface should be cleaned regularly using an automatic floor scrubber with AmeriPolish® Rejuvenating Cleaner mixed with water according to manufacturer's directions. Reapplication once every two years is recommended, but more may be required depending on wear and usage conditions. Use AmeriPolish® Rejuvenating Cleaner for long lasting protection.

## SAFETY PRECAUTIONS

**WARNING** – Before using or handling this material, read the Material Safety Data Sheet and Warranty. **EYE, SKIN AND GASTRO-INTESTINAL TRACT AND RESPIRATORY TRACT IRRITANT.** Avoid contact with eyes, skin and clothing. Avoid breathing vapors or mists generated by this product. Use appropriate eye protection, and chemical-resistant gloves. Material is not flammable, but if exposed to fire material may produce irritating vapors and toxic gases (e.g., carbon dioxides and peroxides). **KEEP OUT OF REACH OF CHILDREN. DO NOT TAKE INTERNALLY.**

## FIRST AID

**Ingestion:** CALL PHYSICIAN OR POISON CONTROL CENTER FOR MOST CURRENT INFORMATION. If professional advice is not available, **DO NOT INDUCE VOMITING.** If victim is convulsing, maintain an open airway and obtain immediate medical attention.

**Eye Contact:** Rinse eyes under gently running water. Use sufficient force to open eyelids and then “roll” eyes while flushing. Flush for 15 minutes minimum. Seek medical attention if any adverse effect persists after rinsing.

**Skin Contact:** If adverse skin effects occur, discontinue use and flush contaminated area. Seek medical attention if adverse effect occurs after flushing.

**Inhalation:** Remove victim to fresh air. If necessary, use artificial respiration to support vital functions. If adverse effect continues after removal to fresh air seek medical attention.

## NOTICE TO BUYER: DISCLAIMER OF WARRANTIES AND LIMITATIONS ON OUR

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