

AMERIPOLISH®

architectural concrete products

AmeriPolish® 3D HS™ Densifier



◆ PRODUCT DESCRIPTION

AmeriPolish® 3D HS™ is a blend of reactive silicates and additives providing enhanced densification and stain resistance with easy to use hybrid silicate densifiers. 3D HS™ high solids formula, is ideal for use on open, or porous concrete that will readily accept densifier (for non-porous floors use 3D HSL™) and works equally well on both new and old concrete. 3D HS™ is especially effective at resisting stains when used in conjunction with AmeriPolish® SR2™ sub-surface stain resistor.

◆ FEATURES

- Can be applied over new or existing concrete
- Penetrates fast for a deep seal
- Hardens deep to improve durability even after grinding
- Darkens the concrete
- Surfaces wear better & last longer
- Enhances color, gloss & clarity
- Helps prevent stains
- Minimizes dust for healthier indoor air quality (IAQ)
- Odorless, non-flammable, VOC Compliant
- Helps reduce efflorescence and alkali silica reaction (ASR)

◆ PRODUCT SPECIFICATIONS

| | |
|--------------|---------------------------------------|
| Application: | Spray and AmeriPolish® Microfiber Pad |
| Appearance: | Milky liquid |
| VOC: | Compliant (1g/l) |
| Shelf Life: | 1 Year |
| Solvent: | Water Based |

◆ USES

AmeriPolish® 3D HS™ can be used by itself or with AmeriPolish® dyes and stain protectors.

- Harden concrete surfaces
- Prepares surface for high gloss diamond polishing
- Locks in dyes for longer lasting color
- Improves resistance to staining
- Improves scratch resistance
- Extends AmeriPolish® SR2 coverage rates

◆ HOW TO USE FOR POLISHED CONCRETE

- Perform main grind using up to 200 grit resin or equivalent resin bond diamond.
- Remove all dust and debris using an automatic floor scrubber and fresh water. Allow to dry.
- Spray 3D HS™ with overlapping circular

motion. Lightly use pad applicator fitted with AmeriPolish® Microfiber pad to spread evenly on surface. Product does not need vigorous scrubbing-in and will not form a gel. As product is absorbed into surface, apply additional product as needed until floor starts to reject the product. Keep floor wet for 15 minutes, spreading with mop to avoid puddles. Allow to dry.

- Grind up to a 400 resin bond diamond or equivalent.
- Apply additional light application (optional) using AmeriPolish® Microfiber pad .
- Clean tools and equipment with fresh water before product dries. Overspray and unprotected surfaces should be immediately washed off with fresh water. Allow to dry.
- Polish to the desired grit level.
- Apply AmeriPolish® SR2™ or 3D SP™ following manufacturer's instructions to complete protection and enhance appearance.
- Surface should be cleaned regularly using an automatic floor scrubber with AmeriPolish® Rejuvenating Cleaner, mixed with water according to manufacturer's directions.

◆ HOW TO USE WITH HIGHSPEED BURNISHING SYSTEM

- Auto scrub with clean water
- Apply first application of densifier while maintaining wet edge
- Spread evenly with AmeriPolish® Microfiber pad
- Allow to dry
- High speed burnish with a 800 grit diamond impregnated pad

◆ VOC COMPLIANCE

In addition, AmeriPolish® 3D HS™ Hybrid Silicate Densifier offers VOC compliance with low VOC at 1g/L and is also compliant with national, state and district regulations:

US Environmental Protection Agency
California Air Resources Board SCM Districts*
South Coast Air Quality Management District*
Maricopa County, AZ

Northeast Ozone Transport Commission

*Before application, verify product conformance with local and state codes.

**Section 03 33 00 Architectural Concrete
Technical Data Sheet**

AmeriPolish® 3D HS™ Densifier

- Apply second application of densifier
- High speed burnish with a 1500 grit diamond impregnated pad
- Apply AmeriPolish® SR²™ or 3D SP™ following manufacturer's instructions to complete protection and enhance appearance.
- Surface should be cleaned regularly using an automatic floor scrubber with AmeriPolish® Multipurpose Rejuvenating Cleaner, mixed with water according to manufacturer's directions.

◆ 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.

◆ CLEANUP

AmeriPolish® 3D HS™ washes up quickly with soap and water.

◆ STORAGE

- Store dry and upright at 40-105F° (4 - 41C°)
- Keep product from freezing
- Keep out of reach of children
- Seal container after use.
- Do not mix with other chemicals

◆ WARRANTY

The information contained herein is believed to be reliable. This information is based on laboratory testing and results. Because of variations in methods, conditions and equipment, each user must test this product to make a judgment of performance. Applicator is responsible for testing material for effectiveness and performance. Manufacturer obligation is limited to the refund of purchase price or replacement of material if proven to be defective. Claims must be made in writing and received within one year from date of product sale to original buyer. Sole remedy shall be replacement of product proven defective.

**◆ FOR MAXIMUM RESULTS
USE IN CONJUNCTION WITH
AMERIPOLISH® 3D SP™ AND/
OR AMERIPOLISH® SR²™**

◆ FIRST AID

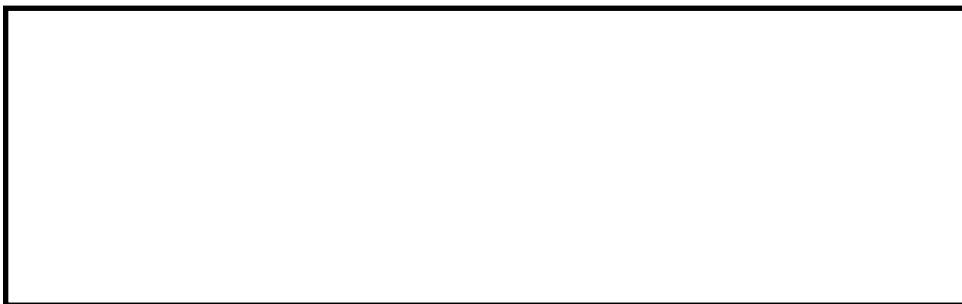
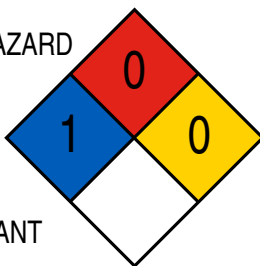
Ingestion: CALL PHYSICIAN OR POISON CONTROL CENTER FOR MOST CURRENT INFORMATION. If professional advice is not available, DO NOT INDUCE VOMITING. If victim is convulsing, maintain an open airway and obtain immediate medical attention.
Eye Contact: Rinse eyes under gently running water. Use sufficient 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.

| Product Name – AmeriPolish® 3D HS™ | | |
|------------------------------------|--------------|--------------------------------|
| Product # | Shipping Wt. | Container(s) RTU: Ready To Use |
| AP3DHS-5 | 50 lbs. | RTU – 5 Gal |
| AP3DHS-30 | 300 lbs. | RTU – 30 Gal |
| AP3DHS-55 | 550 lbs. | RTU – 55 Gal |
| AP3DHS-250 | 2500 lbs. | RTU – 250 Gal |

| Product Name – AmeriPolish® 3D HS™ | | |
|------------------------------------|--------------|----------------------------|
| Product # | Volume (RTU) | Coverage Sq. ft. |
| AP3DHS-5 | 5 Gal. | 3,000 Min. – 4,000 Max |
| AP3DHS-30 | 30 Gal. | 18,000 Min. – 24,000 Max |
| AP3DHS-55 | 55 Gal. | 33,000 Min. – 44,000 Max |
| AP3DHS-250 | 250 Gal. | 150,000 Min. – 200,000 Max |

DEGREE OF HAZARD

- 4 = EXTREME
- 3 = HIGH
- 2 = MODERATE
- 1 = SLIGHT
- 0 = INSIGNIFICANT



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