



Ameripolish® 3D HS Hybrid Silicate 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 WITH POLISHED CONCRETE

1. Perform main grind using up to 200-grit resin or equivalent resin bond diamond
2. Remove all dust and debris using an automatic floor scrubber and fresh water. Allow time to dry.
3. 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 time to dry.
4. Grind up to a 400-resin bond diamond or equivalent.
5. Apply additional light application (optional) using Ameripolish® Microfiber pad.
6. Clean tools and equipment with fresh water before product dries. Overspray and unprotected surfaces should be immediately washed off with fresh water. Allow time to dry.
7. Polish to the desired grit level.
8. Apply Ameripolish® SR™ or 3D SP™ following manufacturer’s instructions to complete protection and enhance appearance.
9. Surface should be cleaned regularly using an automatic floor scrubber with Ameripolish® PoliSmart CS Cleaner™, mixed with water according to manufacturer’s directions.

HOW TO USE WITH HIGH SPEED BURNISH

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





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- Apply second application of densifier
- High speed burnish with a 1500-grit diamond impregnated pad
- Apply Ameripolish® SR^{2™} 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® PoliSmart CS Cleaner[™], mixed with water according to manufacturer's directions.

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

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.

WARRANTY

This product is for use by licensed contractors. Since manufacturer does not exercise control of product's use or project conditions, Ameripolish® represents and warrants only that this product is of consistent quality within manufacturing tolerances. NO OTHER ORAL OR WRITTEN REPRESENTATION OR STATEMENT OF

ANY KIND, EXPRESS OR IMPLIED, IS AUTHORIZED OR WARRANTED BY AMERIPOLISH, INCLUDING THOSE OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, OR THE EFFECTS OR RESULTS OF SUCH USE. AMERIPOLISH WILL NOT BE LIABLE FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGE, INCLUDING DAMAGES FOR DELAYS OR LOST PROFITS.

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.

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.





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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.

PACKAGING SPECIFICATIONS

Product #	Shipping Wt.	Containers
AP3DHS-5	50 lbs	RTU – 5 gallons
AP3DHS-30	300 lbs	RTU – 30 gallons
AP3DHS-55	550 lbs	RTU – 55 gallons
AP3DHS-250	2,500 lbs	RTU – 250 gallons

COVERAGE RATES

Product #	Unit	Containers
AP3DHS-5	5 gallon	3,000 – 4,000 sqft
AP3DHS-30	30 gallon	18,000 – 24,000 sqft
AP3DHS-55	55 gallon	33,000 – 44,000 sqft
AP3DHS-250	250 gallon	150,000 – 200,000 sqft

Hazardous Material Identification System (HMIS)

Health	1	Flammability	0	Reactivity	0
0 – Least, 1 – Slight, 2 – Moderate, 3 – High, 4 – Extreme					

