



SDS/User Guide





Vital Coat
S-328 Penetrating Sealer and Enhancer
Technical Data Sheet (TDS)

Description

Vital Coat S-328 Penetrating Sealer and Enhancer is a non-fluorinated silicone/silane polymer that allows for deep penetration and chemically bond to untreated hard surfaces such as concrete, brick, natural stone and etc. Once dried and cured, **Vital Coat S-328 Penetrating Sealer and Enhancer** provides a durable protective finish that enhances the natural appearance of treated masonry substrates. The sealer is water based with no hazardous solvents, low to no VOCs and is non-toxic and nonflammable. This is a combination sealer that offers protection of a sealer with the beauty of an enhancer.

Vital Coat S-328 Penetrating Sealer and Enhancer is a "Ready to Use" Sealer that goes on Fast and Easy. It provides a durable protective finish that enhances the natural appearance of concrete and masonry substrates. In can be used in Interior, Exterior, Horizontal or Vertical applications.

Primary Applications

Vital Coat S-328 Penetrating Sealer and Enhancer is effective for Interior or Exterior applications. It will seal and enhance the natural look of concrete, pavers, natural stone and other new or aged Concrete, Masonry, or Stone substrates that have never been sealed. Perfect for concrete driveways, pavers around swimming pools, walkways and decorative pavers.

Features/Benefits

*Enhances the natural look of concrete, pavers, natural stone and other unfinished, not sealed masonry substrates.

*Provides excellent water, stain and oil repellency

*Provides a water resistant finish

*Non Yellowing

*Enhances concrete and stone with a wet look with excellent water beading.

Effective on Vertical or Horizontal Surfaces

*Excellent water repellent

*Easy to Apply

Technical Information

Property	Result
Solids	25.00%
Appearance	Milky White Liquid
Odor	Mild
Application Temperature	50°F - 85°F
VOC Content	No VOC
Dry Time	24 to 36 Hours
Re-Coat Time	2 Hours

Packaging

This product is available in 1, and 5 gallon containers. Other quantities available upon request.

Coverage

The coverage rate will vary depending upon surface porosity and application method use. The typical range is approximately 200 to 250 sq. ft. per gallon per application. Two applications are recommended with approximately 300 to 350 sq. ft. per gallon coverage for second application . Avoid excessive build up.

Shelf Life

This product has a shelf life of up to one year in its original, sealed, unopened container. If product appears to be hardened or separated contact Vital Coat before use.

Directions for Use

Surface Preparation: Concrete surfaces must be dry, structurally sound, free of loose or deteriorated concrete and free of dust, dirt, paint, efflorescence, oil and all other contaminants. Do not apply if rain is in the forecast within 24 hours.

Preparation: Gently agitate mixture prior to application.

Placement: Prior to placement, always test the product on the surface to be treated in an inconspicuous area to ensure proper adherence, and penetration and satisfactory appearance. **Vital Coat S-328 Penetrating Sealer and Enhancer** can be applied with a quality pump sprayer, medium nap roller, or a brush. Walk in dry areas only. Sealer goes on with a slight milky color but will dry clear. Avoid excessive build up. Do not apply more than the substrate can absorb in one coating. A second coat is recommended using the same application method. Wait a minimum of 2 hour between coats.

Curing: Do not touch treated surface during curing. Do not add water or allow water to come in contact while curing. Protect surface from debris coming in contact with surface while drying. Allow to dry completely for approximately 24 to 36 hours before allowing heavy traffic on the treated surface.

Clean-up

Immediately after use, Clean tools and equipment with soap and water. Dispose of containers in accordance with local and federal regulations.

Precautions/Limitations

Before handling, consult the Material Safety Data Sheet and Container Labels for physical and health hazard information.

Do not allow products to freeze in storage or during application.

It is not recommended to apply Vital Coat Sealers over other types of sealers.

Minimum surface and ambient temperature of 45°F (7°C) and rising at the time of application.

For optimum results, condition material to 65°F to 85°F (18°C to 29°C) at least 24 hours prior to use.

Caution! This product when cured may be slippery when wet.

Never mix with any form of liquid or solvent. Improper thinning may cause sealer to delaminate in a short time frame.

Test in an inconspicuous area prior to use.

Dried or cured sealer may be removed using diamond grinding method or solvent.

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Vital Coat

2172 Arendell Way - Tallahassee, FL 32308

Phone: Toll Free 844-284-2858

Visit us at www.vitalcoat.com

Vital Coat

S-328 - Penetrating Sealer and Enhancer

1. PRODUCT AND COMPANY IDENTIFICATION

Trade Name: Vital Coat Penetrating Sealer and Enhancer
Manufacturer: Vital Coat
2172 Arendell Way.
Tallahassee, Florida. 32308
Telephone: Toll Free 844-284-2858
Chemical Name: non-fluorinated silicone silane emulsion
Product Use: Concrete and Natural Stone Sealer
For emergency
Health and safety
Information contact: Toll Free 844-284-2858

2. COMPOSITION INFORMATION

CHEMICAL AND COMMON NAME	CAS. NO.	PERCENT
Silicone – Silane Emulsion	Proprietary Blend	<50
Water		Balance

3. HAZARD IDENTIFICATION

Eye Contact: Pre-existing eye, skin and respiratory disorders may be aggravated by exposure to this product.

Skin Contact: Prolonged and repeated contact with skin can cause defatting and drying of the skin resulting in skin irritation and dermatitis.

Ingestion: Swallowing may cause irritation of upper digestive tract.

Inhalation: Exposure to high vapor concentrations may cause eye and respiratory tract irritation, headache, dizziness, nausea, drowsiness and loss of consciousness.

4. FIRST AID MEASURES

Eye Contact: Flush eyes with lukewarm water for 15 minutes. Call a physician if irritation persists.

Skin Contact: Remove contaminated clothing/shoes and wipe excess from skin. Wash with soap and lukewarm water for 15 minutes. For severe exposures,

SAFETY DATA SHEET

Ingestion: immediately get under safety shower and begin rinsing. Get medical attention if irritation develops. If taken internally, rinse mouth, do not induce vomiting and Call a physician immediately. Never give anything by mouth to an unconscious person.

Inhalation: If irritation, headache, nausea or drowsiness occurs, remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Symptoms may be delayed. Call a physician immediately.

5. FIRE FIGHTING MEASURES

Extinguishing Media: According to NFPA Guide, use water spray, dry chemical foam or carbon dioxide (CO₂) as well as using extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Special Procedures: Wear NIOSH/MSHA approved self-contained breathing apparatus (SCBA) as well as NFPA compliant helmet, hood, boots and gloves.

Unusual/Explosive Hazards: None. Burning may produce toxic vapors, including formic acid, carbon dioxide, and formaldehyde.

6. ACCIDENTAL RELEASE MEASURES

Steps to be taken in case the material is released or spilled: Soak up with sawdust, sand, oil dry or other absorbent material.

7. HANDLING AND STORAGE

Precautions: Keep from freezing.

Storage: Store at temperatures between 40°F to 95°F. Store in a tightly closed container. Store in a well ventilated area. Store away from oxidizing agents, sources of heat, direct sunlight or rain.

No smoking in area of storage. Agitate contents of container before using.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protection: Wear safety goggles, body-covering protective clothing, rubber or plastic gloves. Wash exposed skin often with soap and water when working with product. Avoid contact with skin, eyes or clothing. Contaminated clothing should be laundered before re-use. Wash hands after use.

SAFETY DATA SHEET

Protective Equipment: Direct access to eye wash facility and safety shower is recommended. NIOSH approved respiration as needed.

Ventilation: Use with adequate ventilation.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: Milky white liquid with a mild acid odor.

Boiling Point: >200°F

Flash Point (Method) >200°F (Closed Cup)

Vapor Pressure: N.A.

Solubility in Water: Dispersible

Specific Gravity: .98 g/ml

pH: 7.5-8.5

10. STABILITY AND REACTIVITY

Contents are stable. Store in well-ventilated place at temperatures below 120°F. Keep container tightly closed. Keep from freezing. Avoid contact with strong oxidizing agents and acids. Combustion may produce CO₂, CO, and nitrous oxides.

11. TOXICOLOGICAL INFORMATION

This product does not contain material shown to be a carcinogen by the National Toxicology Program (NTP), The International Agency for Research on Cancer (IARC) or OSHA.

12. ECOLOGICAL INFORMATION

No data is available on the adverse effects of this material on the environment. A film or sheen may cause discoloration of the water surface or adjoining shoreline.

13. DISPOSAL CONSIDERATIONS

Classification: Disposed material is not a hazardous waste.

Waste Disposal Method: Dispose of only by methods approved by and used in accordance with local State and Federal Regulations.

14. TRANSPORTATION INFORMATION

D.O.T.: This product is not regulated by DOT.

SAFETY DATA SHEET

16. OTHER INFORMATION

HEALTH	1
FLAMMABILITY	1
REACTIVITY	0

4=Extreme	3=High	2=Moderate	1=Slight	0=Insignificant
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Prepared by: Vital Coat.