



SDS/User Guide





Vital Coat
Paver Protector Pro
Technical Data Sheet (TDS)

Description

Vital Coat Paver Protector Pro is a water-based two-part Acrylic – Epoxy system that will provide an exceptional level of protection to Pavers. Its unique formula is enhanced with cross linking technology to achieve maximum bonding to most any surface in a short amount of time. It is easy to apply, low in VOC, and low odor. It will enhance the color and look of your pavers with a natural, clear, low gloss coating. Once applied it will inhibit growth of Mold and Mildew and will stabilize the joint sand in between your pavers. The ambient dried coating will have excellent resistance to solvents such as Methyl Ethyl Ketone (MEK), Acetone and Isopropyl Alcohol. Detergents and cleaners will not remove this coating. It also resists staining.

Primary Applications

V-100 Premium Sealer is recommended for Interior or Exterior applications. It is extremely durable and will provide a protective coating to new or aged concrete or brick. It is a professional grade product with recommended applications on concrete and brick pavers. It can be applied over unsealed or previously sealed or painted areas.

Features/Benefits

- *Environmentally Friendly
- *High Performance
- *Mold and Mildew Resistant
- *Cured surface can be painted
- *Water Resistant Finish
- *Seals in the Joints
- *Excellent Adhesion
- *Provides UV Protection

Technical Information

Property	Result
Solids +/- 2%	25.00%
Appearance	Clear to translucent solution
Odor	Mild
Application Temperature	50°F - 85°F
Pot Life after Mixing Part A with Part B	72 hours
VOC Content +/-2%	<30g/L
Dry to Touch	2 hours
Re-Coat Time	1 to 2 hours

Note*Higher temperatures will speed up activation time and decrease the pot life of our component products. For every additional 10 degrees in temperature, your coating's pot life will generally decrease by half. The ideal temperature for use is 80°F.

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 300 sq. ft. per gallon per application and approximately 150 to 250 sq. ft. per gallon on rough surfaces.

Shelf Life

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

Directions for Use

Surface Preparation: Concrete and masonry surfaces must be dry, structurally sound, free of loose or deteriorated concrete and free of dust, dirt, paint, efflorescence, oil and all other contaminants. For wood, remove and water damaged materials and clean surfaces free of any mildew, mold, soaps, detergents and any other contaminants. Do not apply if rain is in the forecast within 24 hours.

Mixing: Separate the **Vital Coat Activator** (Part B) from **Paver Protector Pro** (Part A) and make sure you have all components required. Mix the entire contents of (Part A) into an appropriate size container for mixing. Add entire contents of (Part B) into the mixing container and mix using a spiral mixer of proper size for 5 to 7 minutes or longer if larger quantities until uniform. Let the mixed sealer rest until all foam and bubbles have dissipated (Approximately 5 min.). After resting, use product immediately. If mixing multiple containers, do not mix more than can be placed in 24 hours. Do not add water or mix with any other components not specified.

Placement: Prior to placement, always test the product on the surface to be treated in an inconspicuous area to ensure proper adherence and satisfactory appearance. Using an appropriate high pressure pump sprayer with a minimum flow rate of .25gal/min, apply a thin uniform layer of sealer in manageable coverage areas before moving to the next. Walk in dry areas only. Coating goes on with a clear to slight white color but will dry clear. Avoid excessive build up. To remove excessive build up, immediately back roll with light pressure using a medium nap roller after spraying. A second coat is recommended using the same application method. Wait a minimum of 1 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 48 to 72 hours before allowing heavy traffic on the treated surface.

Clean-up

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

Precautions/Limitations

Before handling, consult the 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

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Phone: Toll Free 844-284-2858

email: info@VitalCoat.com

Visit us at www.vitalcoat.com

Vital Coat

Paver Protector Pro Sealer

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name:-----Paver Protector Pro Sealer
Chemical Name:-----Water Based Acrylic CoPolymer
Formula:-----Proprietary
For Emergency:-----Contact 911
Non Emergency Health Hazard Phone Number:-----1-844-284-2858
Recommended Use:-----Coating or Sealer
For Emergency:-----Contact 911
Manufacturer:
Vital Coat
2172 Arendell Way
Tallahassee, Florida. 32308
Toll Free 844-284-2858

2. HAZARD IDENTIFICATION

Hazardous Classification of Chemical-----Non-Hazardous
Signal Word-----Not Applicable
Pictograms-----Not Applicable
Precautionary Statement-----None Known
Hazards Not Classified-----None Known

3. COMPOSITION INFORMATION ON INGREDIENTS

CHEMICAL AND COMMON NAME	CAS. NO.	PERCENT RANGE
Water	7732-18-5	65-70
Water Base Solution CoPolymer	Proprietary Blend	30-35
Acetic Acid	64-19-7	.40-.50
Formic Acid 90%	64-18-6	.05-.10

4. FIRST AID MEASURES

1 NxTech Holdings LLC - 2172 Arendell Way, Tallahassee, Fl. 32308
Toll Free 844-284-2858 | M-F 8:00 a.m. – 5:00 p.m.
www.vitalcoat.com

SAFETY DATA SHEET

Eye Contact-----Flush eyes with 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 water for 15 minutes. Get medical attention if irritation develops.
Ingestion-----If taken internally, induce vomiting and Call a physician immediately.
Inhalation-----If irritation, headache, nausea or drowsiness occurs, remove to fresh air.

5. FIRE FIGHTING MEASURES

Flash Point-----This material is noncombustible PMCC
Extinguishing
Media-----According to NFPA Guide, use water spray, dry chemical foam or carbon dioxide.
Special Procedures-----Wear NIOSH/MSHA approved self-contained breathing apparatus (SCBA).
Unusual/Explosive
Hazards-----None Known

6. ACCIDENTAL RELEASE MEASURES

In the event of a spill: Wipe up or use suitable absorbent material and shovel into appropriate DOT approved container. An acceptable method of disposal is to burn in an incinerator in accordance with local state and federal rules and regulations. Do not dispose into sewer system.
Evacuation Procedures-----Not Applicable
Protective Clothing-----Gloves, Safety Glasses

7. HANDLING AND STORAGE

Precautions-----Keep from freezing.
Storage-----Store in closed anti-corrosive material containers.
Ventilation-----Not Necessary

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection-----None needed at ambient or elevated temperatures.
Personal Protection-----Wear safety goggles, body-covering protective clothing, and rubber gloves. Wash exposed skin often with soap and water when working with product.
Ventilation-----Normally not necessary. If dizziness occurs, move to fresh air.
Exposure Limits PELs-----Not Applicable
Threshold Limit Values-----Not Applicable
Special Requirements
For PPE-----Safety Glasses

SAFETY DATA SHEET

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor-----Clear to Slightly Cloudy Liquid with a Mild Acid Odor
Upper/Lower Flammability-----
Or Exposure Limits-----None
Odor-----Typical Acrylic
Vapor Pressure-----Not Applicable
Odor Threshold-----Not Applicable
Vapor Density-----Not Applicable
pH-----Alkaline
Relative Density-----1.021
Melting/Freezing Point-----Liquid/32°F/100C
Solubility in Water-----Infinite
Boiling Point-----212°F/100C
Vapor Pressure-----Same as Water
Flash Point-----None
Auto Ignition Temperature-----Not Applicable
Evaporation Rate-----Same as Water
Decomposition Temp.-----Not Applicable
Flammability-----Liquid/Not Flammable
Viscosity-----<100cps

10. STABILITY AND REACTIVITY

Reactivity-----Not Reactive, Polymerization will Not Occur
Chemically Stable-----This Material is Stable
Other-----Anionic or High pH Materials Can Cause Precipitation

11. TOXICOLOGICAL INFORMATION

Short Term or Long Exposure-----Has Not Been Tested
Acute Toxicity Lethal Dose-----Has Not Been Tested
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

Disposal Container-----Plastic Container, Fiber Drum with Lining, IBC or Tote
Where to Dispose-----Accredited Disposal Company that can Deposit Waste in Landfill

SAFETY DATA SHEET

14. TRANSPORTATION INFORMATION

UN Number-----Non-Hazardous, Does Not Apply
UN Proper Shipping Name-----Non-Hazardous, Does Not Apply
International Maritime Dangerous Goods Code -----Non-Hazardous
International Bulk Chemical Code-----Non-Hazardous
Land Transport-----Non-Hazardous
Air Transport-----Non-Hazardous

15. REGULATORY INFORMATION

Not Regulated
R.C.R.A.: This product does not meet the definitions or contain any substance appearing in the listings contained in 40CFR261.
This product does not contain or was manufactured with any EPA Class 1 or Class II ozone depleting substances.

16. OTHER INFORMATION

TSCA Registered-----No
Canadian DSL-----No

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Prepared by: Vital Coat.
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