

## DYNASEAL CONCRETE & MASONRY SEALER SAFETY DATA SHEET

Effective Date: 7/13/2021

Email:  
info@vermontnaturalcoatings.com

Emergency # (802) 472-8700

### SECTION I: IDENTIFICATION

**PRODUCT NAME:** Raw Concentrate DS 500

**CHEMICAL NAME & SYNONYMS:** Water-proofer for wood and cementitious materials

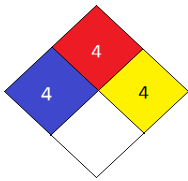


**PROCESSORS NAME:** Vermont Natural Coatings - Box 512, Hardwick, VT.  
05843, United States  
Phone: (802) 472-8700

**CAS #:** Not Issued

**CHEMICAL FAMILY:**

**CHEMICAL FORMULA:**

### SECTION II: HAZARD IDENTIFICATION

HAZARD STATEMENTS	NEW GHS SCALE								
H313 May cause mild skin irritation. H320 Causes eye irritation. H303 May be harmful if swallowed. H333 May be harmful if inhaled. H335 May cause respiratory irritation.	  <table border="1" style="margin-left: auto; margin-right: auto;"> <tr><td>4</td><td>Slight</td></tr> <tr><td>4</td><td>Slight</td></tr> <tr><td>4</td><td>Slight</td></tr> <tr><td>4</td><td>Slight</td></tr> </table> <div style="display: flex; justify-content: space-between;"> <div style="text-align: center;"> <p><b>Health</b></p> <p><b>Flammability</b></p> <p><b>Reactivity</b></p> <p>Specialty Information</p> </div> </div> <p style="text-align: center;"><b>Personal Protective Equipment</b></p> 	4	Slight	4	Slight	4	Slight	4	Slight
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#### PRECAUTIONARY STATEMENTS

P261 Avoid breathing dust/fume/gas/mist/ vapors spray.

P363 Wash contaminated clothing before reuse.

P281 Use personal protective as required.

P264 Wash hands thoroughly after handling.

P271 Use only outdoors or in well ventilated area.

READ THE ENTIRE SDS FOR MORE THOROUGH EVALUATION OF THE HAZARDS

### SECTION III: COMPONENTS

INGREDIENTS	CAS NUMBER (Trade secret no.)	% BY WT.
*Water	7732-18-5	30-60%
Proprietary Co-Polymer	N/A	15-40%

Proprietary Polymers	N/A	10-45%
Propylene Glycol (winter grade only)	57-55-6	0-2%

\*Non-hazardous substances.

The concentrations shown in the substance list are maximum or ceiling levels (weight %) to be used for calculations for regulations.

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#### SECTION IV: FIRST AID MEASURES

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EYE:	May cause eye irritation. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF eye irritation persists: Get medical advice/attention.
SKIN:	May cause mild skin irritation. IF ON SKIN: wash with plenty of soap and water. IF SKIN irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.
INHALATION:	May be harmful if inhaled. IF INHALED: Remove victim to fresh air and Keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
INGESTION:	May be harmful if swallowed. IF SWALLOWED: Rinse mouth. Call a POISON CENTER or doctor/physician IF you feel unwell.

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#### SECTION V: FIRE AND EXPLOSION HAZARD DATA

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<b>Flashpoint:</b>	>100°C (212°F)
<b>Lower explosion limit:</b>	Not available
<b>Upper explosion limit:</b>	Not available
<b>Self-ignition:</b>	Not available
<b>Ignition temperature:</b>	Not available
<b>Hazardous combustion products:</b>	In case of fires, hazardous combustion gases are formed: Carbon monoxide (CO), Carbon dioxide (CO <sub>2</sub> ) and Nitrogen oxides (NO <sub>x</sub> ).
<b>Extinguishing Media:</b>	Water spray Dry powder Carbon dioxide Alcohol-resistant foam
<b>Special firefighting procedure:</b>	Material will not support combustion unless the water has evaporated.

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#### SECTION VI: SPILL, LEAK & DISPOSAL PROCEDURES

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##### Steps to be taken in case of spill or leak:

Contain spill. Small spills absorbed on suitable absorbents, air dry then disposed in the trash. Larger spills should be collected as liquid or absorbed. Clean-up may be accomplished by flushing water if appropriate or remove contaminated soils. Place in appropriate containers.

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#### SECTION VII: HANDLING AND STORAGE

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##### Advice on safe handling:

Wear proper protective equipment. Avoid breathing dust. Avoid contact with skin and eyes. Wash thoroughly after handling. Store in a dry place. Away

from excessive heat, in original or similar waterproof containers. Keep containers tightly closed when not in use.

**Further info on storage conditions:**

Store in a cool, dry, well-ventilated area. Keep container sealed when not in use. Keep from freezing. Protect from extreme heat and cold.

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**SECTION VIII: EXPOSURE CONTROLS/PERSONAL PROTECTION**

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<b>Respiratory protection:</b>	Dust mask if needed
<b>Hand protection:</b>	Nitrile or buytl rubber gloves
<b>Eye protection:</b>	Safety glasses or chemical splash goggles.
<b>Other protective equipment:</b>	Clothing suitable to prevent skin contact.
<b>Hygienic measures:</b>	Eye wash and soap and warm water for skin.
<b>Advice on system design:</b>	Local ventilation recommended – mechanical ventilation may be used.

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**SECTION IX: PHYSICAL AND CHEMICAL PROPERTIES**

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<b>Form:</b>	Liquid
<b>Color:</b>	Milky white
<b>Odor:</b>	Mild
<b>Odor limit:</b>	Not available
<b>pH:</b>	7+
<b>Solubility in water:</b>	Miscible
<b>Soluble in...:</b>	Not available
<b>Density:</b>	1.024 g/cm <sup>3</sup> (20 °C)
<b>Melting point:</b>	Not applicable
<b>Boiling point:</b>	>100°C (212°F)
<b>Boiling range:</b>	Not available
<b>Auto-ignition temperature:</b>	Not available
<b>Flammability</b>	Not available
<b>Flash point:</b>	
<b>Vapor pressure:</b>	Not available
<b>Bulk density:</b>	Not applicable
<b>Relative vapor density:</b>	Not available
<b>Partitioning coef. octanol/water:</b>	Not applicable
<b>Viscosity / (dynamic):</b>	Not available
<b>Viscosity / (kinematic):</b>	Not available
<b>VOC:</b>	1.82 g/l
<b>VOC:</b>	<b>13.04 g/l (winter grade)</b>
<b>Specific Gravity</b>	<b>1.024</b>
<b>Weight</b>	<b>8.543 lbs/gal</b>

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**SECTION X: STABILITY AND REACTIVITY**

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<b>Thermal decomposition:</b>	>100 °C with dehydration, may emit fumes of carbon oxides and nitrogen oxides
<b>Chemical stability:</b>	Stable
<b>Hazardous polymerization:</b>	Will not occur.
<b>Conditions to avoid:</b>	Strong oxidizers

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**SECTION XI: TOXICOLOGICAL INFORMATION**


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**Product Information:**

**Acute oral toxicity:** >5,110 mg/kg (rat)  
**Acute inhalation toxicity:** 22 mg/kg (rat) 4 h vapor (no deaths)  
**Acute dermal toxicity:** >6,730 mg/kg (rabbit)  
**Skin irritation:** Possible skin irritant  
**Eye irritation:** Not an eye irritant  
**Sensitization:** Not available  
**Expected Route of Entry:**

**Inhalation:** Yes  
**Skin contact:** Yes  
**Eye contact:** Yes  
**Ingestion:** No  
**Skin absorption:** No

**Listed carcinogen:** IARC: No  
 NTP: No  
 OSHA: No  
 Other: No

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**SECTION XII: ECOLOGICAL INFORMATION**


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**Product Information:**

**Biodegradation:** This property is substance-specific and therefore cannot be given for the preparation.  
**Fish toxicity:** Not Available  
**Daphnia toxicity:** Not available  
**Algae toxicity:** Not available  
**Bacteria toxicity:** Not available  
**Remarks:** Exercise caution around waterways

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**SECTION XIII: DISPOSAL CONSIDERATIONS**


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**Waste disposal information:** Discarded product is not a hazardous waste under RCRA, but may be regulated by other jurisdictions. Remove all product residue from the container utilizing warm soap and water then reuse as desired.

**RCRA hazardous waste:** No – Not as solid.

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**SECTION XIV: TRANSPORTATION INFORMATION**


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**DOT:** Not restricted  
**IATA:** Not restricted  
**IMDG:** Not restricted

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**SECTION XV: REGULATORY INFORMATION**


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**TSCA Status:** All components of this product are listed on the TSCA Inventory.

**CEPA:** All ingredients are confirmed on the Domestic Substance List on your Canadian MSDS.

**SARA 313 information:** This product does not contain any toxic chemical listed under Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986.

**California Prop 65:**

This product does not contain any chemicals known to the state of California to cause cancer or birth defects.

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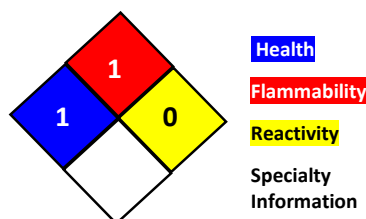
**SECTION XVI: OTHER INFORMATION**


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## Hazardous Material Information System (HMIS)

<b>Health</b>	<b>1</b>
<b>Flammability</b>	<b>1</b>
<b>Reactivity</b>	<b>0</b>
<b>PPE</b>	<b>B</b>

## National Fire Protection Association (NFPA)



**Note: The customer is responsible for determining the PPE code for this material. At the time of publishing, the NFPA/HMIS and the New GHS scale had opposite scales of severity. Check the most recent publications for current information.**

**Date of Issue:** 11/10/2015

**Date of previous issue:** 7/31/2015

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This information is supplied under the OSHA Hazard Communication Standard, 29 CFR 1910.1200, and is offered in good faith based on data available to us that we believe to be true and accurate. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable to the material. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate for that use. No warranty, express or implied, is made regarding the accuracy of this data, the hazards connected with the use of the material, or the results to be obtained from the use thereof. We assume no responsibility for damage or injury from the use of the product described herein. Data provided here are typical and not intended for use as product specifications.