

# SAFETY DATA SHEET

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## 1. IDENTIFICATION

### Product identifier

Product Name Vital Coat Enhance & Seal

### Other means of identification

Product Code(s) VC34A

### Recommended use of the chemical and restrictions on use

Recommended Use Concrete and Masonry Water Repellant

Restrictions on use No information available

### Details of the supplier of the safety data sheet

Supplier Identification NxTech Holdings LLC

Address 2172 Arendell Way  
Tallahassee  
FL  
32308  
US

Telephone Phone:1-844-284-2858

E-mail info@vitalcoat.com

### Emergency telephone number

Emergency Phone Number 1-844-284-2858

## 2. HAZARDS IDENTIFICATION

### Classification

Not classified.



The product contains no substances which at their given concentration, are considered to be hazardous to health

**Appearance** Milky White

**Physical state** Liquid

**Odor** Acetic

### GHS Label elements, including precautionary statements

#### **Hazard statements**

Not classified.

#### **GHS Ratings:**

There are no GHS ratings that apply to this product

#### **GHS Hazards**

There are no GHS ratings that apply to this product

#### **GhS Precautions**

There are no GHS ratings that apply to this product

#### Other information

Prepared according to Global Harmonized System (GHS) Standards

#### Other Hazards

Inhalation of aerosol spray may damage health

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### Substance

Chemical Characteristics – Polydimethylsiloxane with functional groups (dispersion in water)

This material does not contain any ingredients above the permitted limit(s). Substances listed in the Subsections "HAPS" and "California Proposition 65 Carcinogens / Reproductive Toxins" that are not listed in this section are only present at quantities below 0.1% for California Proposition 65 listed toxins or below 1% for non-carcinogenic HAPS or they are inextricably bound in the product. Specific chemical identities and/or exact percentage (concentration) of the composition may have been withheld as a trade secret.

The product contains the following substances of very high concern (Regulation (EC) No. 1907/2006 (REACH), Article 57) in amounts  $\geq 0.1\%$ :

Chemical Name	CAS Number	Content (%)
Type INHA - Polyoxyethylene (t-octylphenyl) ether	9036-19-5	$\geq 0.1 < 0.03$

Type: INHA: ingredient, VERU: impurity

Ingredients not listed on this Safety Data Sheet are considered to be non-hazardous according to OSHA 1910.1200 or are not present above their cutoff levels

## 4. FIRST AID MEASURES

### Description of first aid measures

#### General Information

Get medical attention if irritation or other symptoms occur. Before seeking medical attention remove contaminated clothing and shoes. Take a copy of the Safety Data Sheet when going for medical treatment

<b>Inhalation</b>	Move affected person to fresh air. If breathing has stopped, administer CPR. If the person vomits, clean the airway and turn their head to the side to prevent choking. If the person is unconscious but breathing, place them stably on their left side in the recovery position. Never give anything by mouth to an unconscious person. Seek immediate medical attention.
<b>Eye contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
<b>Skin contact</b>	Remove any contaminated clothing. Rinse skin thoroughly for 15 minutes with plenty of water or with water and soap.
<b>Ingestion</b>	Rinse mouth with water to remove any residual chemical. If the person vomits, clean their airway and turn their head to the side to prevent choking. DO NOT induce vomiting and DO NOT give them anything to drink unless directed to do so by a physician. If the person is unconscious but breathing, place them stably on their left side in recovery position. Never give anything by mouth to an unconscious person. Seek immediate medical attention.

### Most important symptoms and effects, both acute and delayed

**Symptoms** No information available.

### Indication of any immediate medical attention and special treatment needed

**Note to physicians** Treat symptomatically. No Specific antidote available

## 5. FIRE-FIGHTING MEASURES

### Flammable Properties:

Property:	Value:	Method:
Flash Point.....	>93° C(>199°F)	(ASTM D3278, DIN 55680, ISO 3679)
Boiling Point/Boiling Rang...	Not determined	
Lower Explosion Limit (LEL)..	Not determined	
Upper Explosion Limit (UEL)..	Not determined	
Ignition temperature.....	Not determined	
NFPA Hazard Class (comb./flam.liquid)	IIIB	

**Suitable Extinguishing Media** Material does not burn. Use extinguishing measures appropriate to the source of fire

**Large Fire** CAUTION: Use of water spray when fighting fire may be inefficient.

**Unsuitable extinguishing media** Do not scatter spilled material with high pressure water streams.

<b>Specific hazards arising from the chemical</b>	Prevent firefighting run-off from entering drains or sewers.
<b>Hazardous Combustion Products</b>	Fires involving this product may release oxides of carbon and nitrogen, reactive hydrocarbons, and irritating vapors.
<b>Explosion Data</b>	
<b>Sensitivity to Mechanical Impact</b>	None.
<b>Sensitivity to Static Discharge</b>	None.
<b>Special protective equipment for fire-fighters</b>	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

**Personal precautions**                      Secure the area. Wear personal protection equipment. Keep unprotected persons away. Avoid contact with eyes and skin. Do not inhale gases/vapors/aerosols. If material is released indicate risk of slipping. Do not walk through spilled material.

**HAZWOPER PPE LEVEL: D**

### Methods and material for containment and cleaning up

**Methods for containment**                      Prevent material from entering surface waters, drains or sewers and soil. Close leak if possible without risk. Contain any fluid that runs out using suitable material (e.g. earth). Retain contaminated water/extinguishing water. Dispose of in prescribed marked containers. Inform authorities if substance leaks into surface waters, sewerage or ground. Spills of material which could reach surface waters must be reported to the United States Coast Guard National Response Center's toll free phone number (800) 424-8802.

**Methods for cleaning up**                      Take up mechanically and dispose of per local/state/federal regulations. Do not flush away with water. For small amounts: Absorb with a neutral (non-acidic / non-basic) liquid binding material such as diatomaceous earth and dispose of per government regulations. For large amounts: Liquids may be recovered using suction devices or pumps. If flammable, only air driven or properly rated electrical equipment should be used. Clean any slippery coating that remains using a detergent / soap solution or another biodegradable cleaner. Silicone fluids are slippery; spills are a safety hazard. Apply sand or other inert granular material to improve traction.

CAUTION: If spilled material is cleaned up using a regulated solvent, the resulting waste mixture will also be regulated. Do not empty into drains. All disposal must comply with federal, state, and local regulations. The material, if spilled or discarded, may be a regulated waste. Refer to state and local regulations. Department of Transportation (DOT) regulations may apply for transporting this material when spilled. See Section 14.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Advice on safe handling**                      Avoid formation of aerosols. In case of aerosol formation special protective measures are required (exhausting by suction, respiratory protection). Spilled substance increases risk of slipping. Observe information in section 8. Keep away from incompatible substances in accordance with section 10.

**Precautions against fire and explosion:**                      Observe the general rules for fire prevention.

**Conditions for safe storage, including any incompatibilities****Storage Conditions****Conditions for storage rooms and vessels:**

Observe local/state/federal regulations.

**Advice for storage of incompatible materials:**

Observe local/state/federal regulations.

**Further information for storage:**

Store in a dry and cool place. Protect against sun. Protect against frost.

**Minimum temperature allowed during storage and transportation:** 10 °C (50 °F)

Do not allow this material to freeze.

**Maximum temperature allowed during storage and transportation:** 40 °C (104 °F)

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Control parameters****Exposure Limits**

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region-specific regulatory bodies.

**Appropriate engineering controls****Engineering controls****Ventilation:**

Use with adequate ventilation.

**Local exhaust:**

If spraying or other aerosol generating operations are performed, local exhaust ventilation designed to capture mists and sprays, such as a paint spray booth, is recommended.

**Individual protection measures, such as personal protective equipment****Eye/face protection**

Use safety eyewear with splash guards or side shields. Use additional eye protection such as chemical safety goggles when the possibility for eye contact from splashing, spraying liquid, or airborne material exists.

**Skin and body protection**

Avoid Contact with product. Wear appropriate protective gloves and clothing to prevent skin exposure. Gloves must be inspected prior to use. Use proper glove removal technique (without touching gloves outer surface) to avoid skin contact with this product.

**Respiratory protection**

No protective equipment is needed under normal use conditions. If spraying or other operations which generate an aerosol mist are conducted, wear an appropriate, properly fitted respirator (NIOSH/MSHA) until vapors are exhausted. Observe OSHA standard 29 CFR 1910.134 and ANSI Z88.2 requirements whenever workplace conditions require respirators use If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**General hygiene considerations**

Handle in accordance with good industrial hygiene and safety practice.

General - When using do not eat or drink. Wash hands with soap and water before breaks and at the end of each workday.

Contaminated Equipment - Avoid contact with contaminated clothing and protective gear/equipment. Wash before reuse.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

Physical state	Liquid
Appearance	Milky White Liquid Dispersion
Odor	Slight
Color	Dries clear
Odor Threshold	Not applicable

<u>Property</u>	<u>Values</u>	<u>Remarks</u>	<u>Method</u>
pH	9.2		
Melting / freezing point	No data available	None known	
Boiling point / boiling range	No data available	None known	
Flash Point	93°C / >199°F	(ASTM D3278, DIN 55680, ISO 3679)	
Evaporation Rate	No data available	None known	
Flammability (solid, gas)	No data available	None known	
Flammability Limit in Air	No data available	None known	
Upper flammability limit	No data available	None known	
Lower flammability limit	No data available	None known	
Vapor pressure	No data available	None known	
Vapor density	No data available	None known	
Density	1.01 g/cm <sup>3</sup> at 25 °C (77 °F)		
Water Solubility	Completely miscible		
Kinematic viscosity	No data available	None known	
Dynamic viscosity	3.37 mPa.s at 25 °C (77 °F)	None known	

### Other Information

Explosive properties	No information available
Oxidizing properties	No information available
Softening Point	No information available
Molecular Weight	No information available
VOC Content (%)	<50.0 g/L
Liquid Density	No information available
Bulk Density	No information available
Particle Size	No information available
Particle Size Distribution	No information available

## 10. STABILITY AND REACTIVITY

Reactivity	If stored and handled in accordance with standard industrial practices no hazardous reactions are known.
Chemical stability	Stable under normal conditions.
Possibility of Hazardous Reactions	None under normal processing.
Hazardous Polymerization	Hazardous polymerization does not occur.
Conditions to avoid	None known based on information supplied.
Incompatible materials	Strong acids, strong bases, oxidizing agents.
Hazardous Decomposition Products	If stored and handled properly: none known. The following applies for the silicone content of the substance: Measurements have shown the formation of small amounts of formaldehyde at temperatures above about 150 °C (302 °F) through oxidation.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

Note - Toxicological studies have not been performed on this mixture. The toxicological data listed is compiled using data from the components of the mixture. Refer to Section 2 of this SDS for GHS classification of acute and chronic effects of exposure.

**May cause damage to the following organs:** Eyes, Skin

### Product Information

<b>Inhalation</b>	Specific test data for the substance or mixture is not available.
<b>Eye contact</b>	Specific test data for the substance or mixture is not available.
<b>Skin contact</b>	Specific test data for the substance or mixture is not available.
<b>Ingestion</b>	Specific test data for the substance or mixture is not available.

### Symptoms related to the physical, chemical and toxicological characteristics

<b>Symptoms</b>	No information available.
<b>Carcinogenicity:</b>	For this endpoint, no toxicological test data is available for the whole product.
<b>Other Toxicological Information:</b>	No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP. No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

## 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	The environmental impact of this product has not been fully investigated.
<b>Persistence and Degradability</b>	No information available.
<b>Bioaccumulation</b>	There is no data for this product.
<b>Mobility</b>	No information available.
<b>Other adverse effects</b>	No information available.

## 13. DISPOSAL CONSIDERATIONS

### Waste treatment methods

<b>Waste from residues/unused products</b>	Waste management should be in full compliance with federal, state, and local laws. The transportation, storage, treatment and disposal of RCRA waste material must be conducted in compliance with 40 CFR 262, 263, 264, 268 and 270. Chemical additions, processing, or otherwise altering this material may make the waste management information presented in this SDS incomplete, inaccurate or otherwise inappropriate.
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**Contaminated packaging** Completely discharge containers. Containers may be recycled or re-used. Observe local/state/federal regulations. Uncleaned packaging should be treated with the same precautions as the material.

**14. TRANSPORT INFORMATION**

<u><b>DOT</b></u>	NOT REGULATED
Proper Shipping Name	NON-REGULATED
Hazard Class	N/A
Other Information	Protect from freezing, when exposed to cold temperatures approaching 0 °C (32 °F) or below.
 <u><b>TDG</b></u>	 Not regulated
 <u><b>MEX</b></u>	 Not regulated
 <u><b>ICAO</b></u>	 Not regulated
<u><b>IATA</b></u>	Not regulated
Proper Shipping Name	NON REGULATED
Hazard Class	N/A
 <u><b>IMDG/IMO</b></u>	 Not regulated
Hazard Class	N/A
 <u><b>RID</b></u>	 Not regulated
 <u><b>ADR</b></u>	 Not regulated
 <u><b>ADN</b></u>	 Not regulated

**15. REGULATORY INFORMATION**

**Safety, health and environmental regulations/legislation specific for the substance or mixture**

**International Regulations**

**The Montreal Protocol on Substances that Deplete the Ozone Layer** Not applicable

**The Stockholm Convention on Persistent Organic Pollutants** Not applicable

**The Rotterdam Convention** Not applicable

**International Inventories**

<b>TSCA</b>	This material or its components are listed on or are in compliance with the requirements of the TSCA Chemical Substance Inventory. This material is in compliance under the 2% Polymer Rule.
<b>DSL/NDSL</b>	Contact supplier for inventory compliance status.
<b>EINECS/ELINCS</b>	Contact supplier for inventory compliance status.





<b>ENCS</b>	Contact supplier for inventory compliance status.
<b>KECL</b>	Contact supplier for inventory compliance status.
<b>PICCS</b>	Contact supplier for inventory compliance status.
<b>AICS</b>	Contact supplier for inventory compliance status.

**Legend**

- TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDL** - Canadian Domestic Substances List/Non-Domestic Substances List  
**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances  
**ENCS** - Japan Existing and New Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**AICS** - Australian Inventory of Chemical Substances

**US Federal Regulations****TSCA inventory status and TSCA information:**

This material or its components are listed on or are in compliance with the requirements of the TSCA Chemical Substance Inventory. This material is in compliance under the 2% Polymer Rule.

**TSCA 12(b) Export Notification:**

This material does not contain reportable amounts of any TSCA 12(b) listed chemicals.

**SARA 302 EHS Chemicals:**

This material does not contain any SARA extremely hazardous substances.

**SARA 313**

This material does not contain any SARA 313 chemicals above the minimums levels.

**SARA 311/312 Hazard Categories**

This product does not present any SARA 311/312 hazards.

**HAPS (hazardous air Pollutants)**

CAS No.	Chemical	Upper limit wt. %
67-56-1	Methanol	<=0.0177
108-88-3	Toluene	<=0.0176
80-62-6	Methyl Methacrylate	<=0.0010

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

**US State Regulations****California Proposition 65 (Safe Drinking Water and Toxic Enforcement Act of 1986):**

This product does not contain any chemical(s) listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer.

**California Proposition 65 Reproductive Toxins:**

67-56-1	Methanol
108-88-3	Toluene

**U.S. State Right-to-Know Regulations**

This product does not contain any substances above threshold limits that are regulated by state right-to-know.

**16. OTHER INFORMATION**

<b><u>NFPA</u></b>	<b>Health hazards</b> 0	<b>Flammability</b> 0	<b>Instability</b> 0	<b>Physical and Chemical Properties</b> -
<b><u>HMIS</u></b>	<b>Health hazards</b> 0	<b>Flammability</b> 0	<b>Physical hazards</b> 0	<b>Personal Protection</b> X

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**Revision Note**

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**End of Safety Data Sheet**

