

**Section 1. Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier**

Product Form	Mixture
Trade Names	STIFEL VC
Product Code	STVC

**1.2 Relevant identified uses of the substance or mixture and uses advised against**

Use Industrial. For professional use only.

**1.2.2 Uses Advised Against**

No additional information available

**1.3 Details of the supplier of the safety data sheet**

Manufacturer	Supplier
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NOX-CRETE, INC.  
1444 SOUTH 20<sup>TH</sup> STREET  
OMAHA, NE 68108  
Tel: 402-341-2080  
Fax: 402-341-9752  
E-Mail: [corporate@nox-crete.com](mailto:corporate@nox-crete.com)  
Web Site: [www.nox-crete.com](http://www.nox-crete.com)

**1.4 Emergency telephone number**

Emergency Number	Chemtrec (800) 424-9300 Chemtrec Outside of U.S. 703-527-3887
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**Section 2. Hazards identification****2.1 Classification of the substance or mixture**

Skin Irrit. 2	H315
Eye Irrit. 2	H319

Full text of H phrases see section 16

Adverse physiochemical, human health and environmental effects

No additional information available

**2.2 Label elements**

Hazard pictograms



Signal word	Warning
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Hazard statements	H315 - Causes skin irritation H319 - Causes serious eye irritation
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According to Regulation 29 CFR 1910.1200, Regulation (EC) No. 1272/2008 (CLP)(GHS), *Hazardous Products Regulation* (HPR) (WHMIS 2015)

**Precautionary statements**

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
 P332+P313 - If skin irritation occurs: Get medical advice/attention  
 P337+P313 - If eye irritation persists: Get medical advice/attention  
 P501 - Dispose of contents/container in accordance with local/regional/national/international regulations.  
 None known

**2.3 Other hazards**

Full text of H and P phrases: see section 16

**Section 3. Composition / information on ingredients**

**3.1 Substances**

Not applicable

**3.2 Mixture**

Name	Product identifier	%
Aqueous Silane Emulsion	Trade Secret	Trade Secret

Pursuant to 29CFR 1910.1200(i) the specific chemical identity (and / or) concentration may be withheld as Trade Secret, while all health and safety properties and effects are included in the SDS. Balance of other ingredients are non-hazardous or less than 1% in concentration (or 0.1% for carcinogens, reproductive toxins, or respiratory sensitizers).

**Section 4. First aid measures**

**4.1 Description of first aid measures**

**First-aid measures general**

Get medical advice/attention if you feel unwell. Never give anything by mouth to an unconscious person.

**First-aid measures after inhalation**

If the individual experiences nausea, dizziness, has difficulty in breathing seek a healthcare professional immediately. In all cases of doubt, or when symptoms persist, seek medical advice. Remove to fresh air and keep at rest in a position comfortable for breathing.

**First-aid measures after skin contact**

If skin irritation persists, seek medical attention. Remove or take off immediately all contaminated clothing. Rinse skin with water or shower. Wash off immediately with soap and plenty of water.

**First-aid measure after eye contact**

When contact lenses are worn, remove if possible. In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes while holding eyelids apart. If irritation persists, seek medical attention

**First-aid measures after ingestion**

Rinse mouth. DO NOT induce vomiting. Get medical attention immediately.

**4.2 Most important symptoms and effects, acute and delayed**

**Symptoms/injuries after inhalation**

May cause irritation to the respiratory tract. Overexposure to vapors may result in headache, nausea, drowsiness or dizziness.

**Symptoms/injuries after skin contact**

May cause skin irritation or burning sensation

**Symptoms/injuries after eye contact**

May cause eye irritation or injury

**Symptoms/injuries after ingestion**

May cause severe irritation or burns to the mucous membrane of the mouth, throat, esophagus and stomach

**4.3 Indication of any immediate medical attention and special treatment needed**

No additional information available

**Section 5. Firefighting measures**



According to Regulation 29 CFR 1910.1200, Regulation (EC) No. 1272/2008 (CLP)(GHS), *Hazardous Products Regulation* (HPR) (WHMIS 2015)

### 5.1 Extinguishing media

#### Suitable extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

Dry chemical, foam carbon dioxide

#### Unsuitable extinguishing media

Do not use heavy water stream

### 5.2 Special hazards arising from the substance or mixture

#### Reactivity

Thermal decomposition products may cause a health hazard.

### 5.3 Advice for firefighters

#### Firefighting instructions

Use water spray or fog to cool exposed containers.

#### Protective equipment for firefighters

Firefighters should wear self-contained breathing apparatus (SCBA) and full protective gear when fighting any chemical fire.

#### Other information

On heating or burning harmful gasses/vapors may be released.

This product may cause the floor to become slippery.

## Section 6. Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

#### General measures

Dike or impound spilled material. Take proper precautions to ensure your own health and safety before attempting spill control or cleanup

#### 6.11 Protective Equipment

Equip cleanup crew with proper protective equipment.

### 6.2 Environmental precautions

Prevent entry to sewers and public waters.

Notify authorities if liquid enters sewers or public waters.

### 6.3 Methods and materials for containment and cleaning up

#### Methods for cleaning up

Soak up spills with inert solids, such as clay or diatomaceous earth.

Collect into vapor tight containers and dispose of properly.

## Section 7. Handling and storage

### 7.1 Precautions for safe handling

#### Protective measures

Wash hands and other exposed areas with soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in work areas to prevent formation of vapor. When not in use keep containers tightly closed. Avoid breathing vapor or mist.

#### Hygiene measures

Wash contaminated clothing before reuse.

### 7.2 Conditions for safe storage, including any incompatibilities

#### Storage conditions

Store in accordance with local regulations. Store in original container in a cool well-ventilated place. Keep containers tightly closed until ready for use. **Keep from freezing.**

#### Incompatible materials

None known

#### Storage temperature

Prevent exposure to freezing temperatures.

## Section 8. Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational exposure limits

None of the components have assigned exposure limits.

### 8.2 Exposure controls

#### Appropriate engineering controls

Use with adequate ventilation to keep product vapor concentrations below specified TLV

#### Eye and face protection

Chemical goggles and/or face shields are recommended to prevent potential eye contact, irritation or injury.



According to Regulation 29 CFR 1910.1200, Regulation (EC) No. 1272/2008 (CLP)(GHS), *Hazardous Products Regulation* (HPR) (WHMIS 2015)

**Skin protection**

Wear chemical resistant gloves and appropriate clothing and boots as required to prevent skin contact. Wash exposed skin frequently with soap and water. Soiled clothing should be laundered before reuse.

**Respiratory protection**

General room ventilation is normally adequate. Avoid breathing the product mist or vapors. The use of an appropriate respirator is recommended whenever the airborne concentrations exceed the TLV.

**Section 9. Physical and chemical properties**

**9.1 Information on basic physical and chemical properties**

<b>Appearance</b>	White emulsion
<b>Odor</b>	Slight
<b>Odor Threshold</b>	No data available
<b>PH</b>	No data available
<b>Melting point</b>	No data available
<b>Freezing point</b>	No data available
<b>Boiling point</b>	100 C (212 F)
<b>Flash point</b>	> 94 C (200 F)
<b>Relative evaporation rate (butyl acetate=1)</b>	No data available
<b>Flammability (solid, gas)</b>	No data available
<b>Upper/lower explosive limits</b>	No data available
<b>Vapor pressure</b>	No data available
<b>Vapor density</b>	No data available
<b>Relative density (Specific gravity)</b>	0.992 Kg per Liter    8.3 Lbs per Gallon
<b>Solubility</b>	Water: Miscible
<b>Partition coefficient n-octanol/water</b>	No data available
<b>Auto-ignition temperature</b>	Not applicable
<b>Viscosity</b>	No data available
<b>VOC content</b>	Regulatory VOC: Less than 350 g/l Actual VOC : Less than 120 g/l

**Section 10. Stability and reactivity**

<b>10.1 Reactivity</b>	No additional information available
<b>10.2 Chemical stability</b>	Stable under normal conditions
<b>10.3 Possibility of hazardous reactions</b>	Hazardous polymerization will not occur.
<b>10.4 Conditions to avoid</b>	Extreme high or low temperatures. Avoid freezing
<b>10.5 Incompatible materials</b>	None known
<b>10.6 Hazardous decomposition products</b>	If standing for a long time alcohol may build up by hydrolysis.

**Section 11. Toxicology information**

**11.1 Information on toxicological effects**

<b>Acute toxicity</b>	No adverse effects expected under intended use.
<b>Irritation/Corrosion</b>	May cause skin irritation
<b>Skin</b>	
<b>Eyes</b>	May causes eye irritation and damage.
<b>Respiration or skin sensitization</b>	May cause respiratory irritation
<b>Germ cell mutagenicity</b>	Not classified
<b>Carcinogenicity</b>	No component of this product present at levels greater than 0.1 % is identified as a carcinogen by the U.S. National Toxicology Program, the U.S. Occupational Safety and Health Act, or the International Agency on Research on Cancer (IARC)

According to Regulation 29 CFR 1910.1200, Regulation (EC) No. 1272/2008 (CLP)(GHS), *Hazardous Products Regulation* (HPR) (WHMIS 2015)

<b>Reproductive toxicity</b>	Not classified
<b>Specific target organ toxicity</b>	
<b>Single exposure</b>	Not classified
<b>Repeated exposure</b>	Not classified
<b>Aspiration hazard</b>	Not classified

## Section 12. Ecological information

<b>12.1 Ecotoxicity</b>	Not established
<b>12.2 Persistence and degradability</b>	Not established
<b>12.3 Bioaccumulative potential</b>	Not established
<b>12.4 Mobility in soil</b>	No additional information available
<b>12.5 Other adverse effects</b>	Avoid release to the environment

## SECTION 13. Disposal Considerations

<b>13.1 Waste treatment methods</b>	The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all applicable local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.
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## SECTION 14. Transport information

In accordance with ADR / RID / ADNR / IMDG / ICAO / IATA

<b>14.1 UN number</b>	Not dangerous goods in sense of transport regulations.
<b>14.2 UN proper shipping name</b>	Concrete Surface Water proofer
<b>14.3 Transport hazard class(es)</b>	Not applicable
<b>14.4 Packing group</b>	Not applicable
<b>14.5 Environmental hazards</b>	No additional information available
<b>14.6 Special precautions for user</b>	
<b>14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	No additional information available
<b>14.8 Transport in bulk according to CFR 49 173.15</b>	Not applicable

## SECTION 15. Regulatory information

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****15.1.2 USA Regulations****Section 313****TSCA**Contains no ingredients at or above the De Minimus reporting level  
All ingredients are listed or exempted**PROPOSITION 65****15.1.3 Canada Regulations**None of the ingredients is listed  
This SDS has been prepared according to the hazard criteria of the *Hazardous Products Regulation* (HPR) (WHMIS 2015) and the SDS contains all of the information required by the HPR.**DSL****15.2 Chemical safety assessment**All ingredients are listed or exempted  
A Chemical Safety Assessment has not been carried out.

## Section 16. Other information

Date of issue / revision	7-18-2023
Version	3.0



According to Regulation 29 CFR 1910.1200, Regulation (EC) No. 1272/2008 (CLP)(GHS), *Hazardous Products Regulation* (HPR) (WHMIS 2015)

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Preparer Nox-Crete, Inc.

Reference Documentation

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**Full text of H and P phrases**

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