



chemical solutions  
to concrete problems

## SILCOSEAL LVOC

## Safety Data Sheet

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

### Section 1. Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

Product Form	Mixture
Trade Name	SILCOSEAL LVOC
Product Code	SSLVOC

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

Use	Industrial. For professional use only.
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#### 1.2.2 Uses Advised Against

No additional information available

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

##### Manufacturer

NOX-CRETE MANUFACTURING 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

Classification according to Regulations 29CFR 1910.1200 , (EC) No. 1272/2008(CLP)(GHS)

Flam Liq. 2	H225
Acute Tox. 4 (oral)	H302
Acute Tox. 4 (dermal)	H312
Skin Irrit. 2	H315
Skin Sens. 1	H317
Eye Dam. 1	H318
Acute Tox. 4 (inhalation)	H332
resp. irrit. STOT SE 3	H335
STOT SE 3 drowsiness	H336
Carc. 2	H351
Repr. 2	H361
STOT RE 2	H373

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**

Danger

**Hazard statements**

H225 - Highly flammable liquid and vapor  
H302 - Harmful if swallowed  
H312 - Harmful in contact with skin  
H315 - Causes skin irritation  
H317 - May cause an allergic skin reaction  
H318 - Causes serious eye damage  
H332 - Harmful if inhaled  
H335 - May cause respiratory irritation  
H336 - May cause drowsiness or dizziness  
H351 - Suspected of causing cancer (inhalation)  
H361 - Suspected of damaging fertility or the unborn child  
H373 - May cause damage to organs through prolonged or repeated exposure.

**Precautionary statements****Prevention:**

P201- Obtain special instructions before use  
P202- Do not handle until all safety precautions have been read and understood  
P210 - Keep away from heat/sparks/open flames/hot surfaces-No smoking  
P233- Keep container tightly closed  
P240 - Ground/bond container and receiving equipment  
P241 - Use explosion-proof electrical/ventilating/light/equipment  
P242 - Use only non-sparking tools  
P243 - Take precautionary measures against static discharge  
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray  
P264 - Wash exposed area's thoroughly after handling.  
P270 - Do not eat, drink or smoke when using this product  
P271 - Use only outdoors or in a well-ventilated area.  
P272 - Contaminated work clothing should not be allowed out of the workplace.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection

**Response:**

P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician  
P303+P361+P353 - IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower.  
P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P305+P351+P338 -IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so - continue rinsing  
P305+P310 - IF IN EYES: Immediately call a POISON CENTER or doctor/physician  
P312 - Call a POISON CENTER or doctor/physician if you feel unwell.



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### Storage:

### Disposal:

### 2.3 Other hazards

P330 - Rinse mouth.

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention

P362 - Take off contaminated clothing and wash before reuse.

P337+P313 - If eye irritation persists: Get medical advice/attention

P370+P378 - In case of fire: Use Dry chemical, foam, carbon dioxide for extinction

P403+P405+P235+P233 - Store locked up in a cool well-ventilated place. Keep container tightly closed.

P501: Dispose of contents/container in accordance with local/regional/national/international regulations.

None known

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	%
VOC exempt solvent # 1	Trade Secret	Trade Secret
VOC exempt solvent # 2	Trade Secret	Trade Secret
Hydrotreated Light Distillate	Trade Secret	Trade Secret
Hydrotreated Petroleum Distillate	Trade Secret	Trade Secret
Toluene	108-88-3	< 4.0
Butanol	71-36-3	< 3.0
Butene, homopolymer	Trade Secret	Trade Secret

Pursuant to 29CFR 1910.1200(I) the specific chemical identity (and / or) concentration is being withheld as Trade Secret, while all health and safety properties and effects are included in the SDS

## 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. Immediately call a Poison Center or doctor/physician.

#### First-aid measures after skin contact

If skin irritation persists, seek medical attention. Remove or take off

<b>First-aid measure after eye contact</b>	immediately all contaminated clothing. Rinse skin with water or shower. Wash off immediately with soap and plenty of water.
<b>First-aid measures after ingestion</b>	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. Get medical attention immediately. Rinse mouth. DO NOT induce vomiting. Get medical attention immediately.
<b>4.2 Most important symptoms and effects, acute and delayed</b>	
<b>Symptoms/injuries after inhalation</b>	May cause irritation to the respiratory tract. Overexposure to vapors may result in headache, nausea, drowsiness or dizziness.
<b>Symptoms/injuries after skin contact</b>	May cause skin irritation or burning sensation
<b>Symptoms/injuries after eye contact</b>	May cause eye irritation or injury
<b>Symptoms/injuries after ingestion</b>	May cause severe irritation or burns to the mucous membrane of the mouth, throat, esophagus and stomach.
<b>4.3 Indication of any immediate medical attention and special treatment needed</b>	
No additional information available	

## Section 5. Firefighting measures

<b>5.1 Extinguishing media</b>	
<b>Suitable extinguishing media</b>	Dry chemical, foam, carbon dioxide
<b>Unsuitable extinguishing media</b>	Do not use heavy water stream
<b>5.2 Special hazards arising from the substance or mixture</b>	
<b>Reactivity</b>	Thermal decomposition products may cause a health hazard.
<b>5.3 Advice for firefighters</b>	
<b>Firefighting instructions</b>	This material releases vapors when heated above ambient temperatures. Vapors can cause a flash fire. Use water spray or fog to cool exposed containers.
<b>Protective equipment for firefighters</b>	Firefighters should always wear self-contained breathing apparatus (SCBA) and full protective gear when fighting any chemical fire.
<b>Other information</b>	On heating or burning harmful gasses/vapors may be released. This product may cause the floor to become slippery.

## Section 6. Accidental release measures

<b>6.1 Personal precautions, protective equipment and emergency procedures</b>	
<b>General measures</b>	Eliminate any ignition sources. Dike or impound spilled material. Take proper precautions to ensure your own health and safety before attempting spill control or cleanup.
<b>6.11 Protective Equipment</b>	Equip cleanup crew with proper protective equipment.
<b>6.2 Environmental precautions</b>	Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.
<b>6.3 Methods and materials for containment and cleaning up</b>	
<b>Methods for cleaning up</b>	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

Product is a highly flammable liquid. Store in accordance with local regulations. Store in original container in a cool well-ventilated place away from heat, sparks and open flame. Keep containers tightly closed until ready for use.

### Incompatible materials

Strong oxidizing agents. Strong acids or bases

### Storage temperature

Store in a cool dry environment away from sources of ignition. Store with a temperature range between 40 F (4 C) and 100 F (38 C). Silcoseal LVOC begins to gel (changes to a solid) at 25 F (-4 C). Product stored below this temperature must be warmed up to a minimum of 25 F (-4 C) prior to use.

## Section 8. Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational exposure limits

Ingredient name	Occupational exposure limits ACGIH TLV (United States)
VOC exempt solvent # 2	TWA: 200 ppm 8 hours
Hydrotreated Light Distillate	TWA: 400 ppm 8 hours
Hydrotreated Petroleum Distillate	TWA: 5 mg/m3 8 hours
Butanol	TWA: 20 ppm 8 hours
Butene, homopolymer	Not Established
Toluene	TWA: 200 ppm 8 hours
VOC exempt solvent # 1	Not Established

### 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 required to prevent potential eye contact, irritation or injury.

#### Skin protection

Wear chemical resistant gloves and appropriate protective 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

#### Appearance

Red liquid

#### Odor

Mild solvent odor

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

Odor Threshold	No data available
PH	No data available
Melting point	No data available
Freezing point	No data available
Boiling point	94 C (200 F)
Flash point	10 C 50 F PMCC
Relative evaporation rate (butyl acetate=1)	No data available
Flammability (solid, gas)	Highly flammable liquid and vapor
Upper/lower explosive limits	No data available
Vapor pressure	No data available
Vapor density	No data available
Relative density (Specific gravity)	0.96 Kg per Liter 8.0 Lbs per Gallon
Solubility	Water: Insoluble
Partition coefficient n-octanol/water	No data available
Auto-ignition temperature	Not applicable
Viscosity	No data available
VOC content	Less than 350 g/l

## Section 10. Stability and reactivity

<u>10.1 Reactivity</u>	No additional information available
<u>10.2 Chemical stability</u>	Stable under normal conditions
<u>10.3 Possibility of hazardous reactions</u>	Hazardous polymerization will not occur.
<u>10.4 Conditions to avoid</u>	Extreme high or low temperatures.
<u>10.5 Incompatible materials</u>	Strong acids, bases and oxidizers
<u>10.6 Hazardous decomposition products</u>	carbon monoxide, carbon dioxide, various hydrocarbon derivatives. Chlorine and Fluorine containing gases may be produced.

## Section 11. Toxicology information

### 11.1 Information on toxicological effects

Acute toxicity	No adverse effects expected under intended use.
Irritation/Corrosion Skin	May cause skin irritation
Eyes	May causes serious eye irritation and damage.
Respiration or skin sensitization	May cause respiratory irritation
Germ cell mutagenicity	No data available

### Carcinogenicity IARC

Toluene	3
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3 - Inadequate in humans and inadequate or limited in animals

Reproductive toxicity	No data available
Specific target organ toxicity	
Single exposure	No data available
Repeated exposure	No data available
Aspiration hazard	No data available

## Section 12. Ecological information

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

**12.1 Ecotoxicity**

No data available

**12.2 Persistence and degradability**

No data available

**12.3 Bioaccumulative potential**

No data available

**12.4 Mobility in soil**

No data available

**12.5 Other adverse effects**

Avoid release to the environment

**SECTION 13. Disposal Considerations****13.1 Waste treatment methods**

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.

**SECTION 14. Transport information**

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

**14.1 UN number**

UN1123

**14.2 UN proper shipping name**

Butyl Acetates

**14.3 Transport hazard class(es)**

3

**14.4 Packing group**

II

**14.5 Environmental hazards**

No additional information available

**14.6 Special precautions for user**

No additional information available

**14.7 Transport in bulk according to****Annex II of MARPOL 73/78 and the IBC Code** No additional information available**14.8 Transport in bulk according to****CFR 49 173.15** 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**

Contains the following ingredients at or above the reporting level requirements of Section 313. This information must be included in all SDS's copied or distributed for this material.

**CHEMICAL**

Toluene

**CAS #**

108-88-3

**MAX WEIGHT %**

4.0

Butanol

71-36-3

3.0

**TSCA**

All ingredients are listed or exempted

**PROPOSITION 65**

**WARNING:** This product can expose you to chemicals including Benzene, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)





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### 15.1.3 Canada Regulations

DSL

### 15.2 Chemical safety assessment

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.

All ingredients are listed or exempted

A Chemical Safety Assessment has not been carried out.

## Section 16. Other information

Date of issue	7-31-2019
Version	2.1
Number	742
Date of previous issue	7-10-2015
Preparer	Nox-Crete Manufacturing Inc.
<u>Reference Documentation</u>	

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### Full text of H and P phrases

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Skin Irrit. 2	H315
Skin Sens. 1	H317
Eye Dam. 1	H318
Acute Tox. 4 (inhalation)	H332
resp. irrit. STOT SE 3	H335
STOT SE 3 drowsiness	H336
Carc. 2	H351
Repr. 2	H361



STOT RE 2

H373

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