

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

|              |                  |
|--------------|------------------|
| Product Form | Mixture          |
| Trade Name   | SILCOSEAL SELECT |
| Product Code | SSSEL            |

**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**

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<br>Chemtrec Outside of U.S. 703-527-3887 |
|------------------|--|

**Section 2. Hazards identification****2.1 Classification of the substance or mixture**

|                           |      |
|---------------------------|------|
| Flam. Liq. 3              | H226 |
| Asp. Tox. 1               | H304 |
| Acute Tox. 4 (dermal)     | H312 |
| Skin Irrit. 2             | H315 |
| Eye Dam. 1                | H318 |
| Acute Tox. 4 (inhalation) | H332 |
| STOT SE 3                 | H335 |
| STOT SE 3                 | H336 |
| Carc. 2                   | H351 |
| 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

**Warning**

Hazard statements

H226 - Flammable liquid and vapor

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

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

H304 - May be fatal if swallowed and enters airways  
H312 - Harmful in contact with skin  
H315 - Causes skin irritation  
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)  
H373 - May cause damage to organs (CNS)

**Response:**

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.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection  
P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician  
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  
P312 - Call a POISON CENTER or doctor/physician if you feel unwell.  
P330 - Rinse mouth.  
P331 - Do NOT induce vomiting  
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  
P403+P235 - Store in a well-ventilated place. Keep cool.  
P405 - Store locked up.  
P501 - Dispose of contents/container in accordance with local/regional/national/international regulations.  
None known

**Storage:****Disposal:****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 | %            |
|-------------------------------|--------------------|--------------|
| Xylene                        | 1330-20-7          | < 3.0        |
| Hydrotreated Light Distillate | Trade Secret       | Trade Secret |
| Solvent Naphtha               | Trade Secret       | Trade Secret |
| Butanol                       | 71-36-3            | < 4.0        |
| Butene, homopolymer           | Trade Secret       | Trade Secret |
| Ethylbenzene                  | 100-41-4           | < 0.4        |

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. 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 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. Get medical attention immediately.

#### 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

### 5.1 Extinguishing media

#### Suitable extinguishing media

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

This material releases vapors when heated above ambient temperatures. Vapors can cause a flash fire. Use water spray or fog to cool exposed containers.

### Protective equipment for firefighters

Firefighters should always 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

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.

#### 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 away from heat, sparks and open flame.

Keep containers tightly closed until ready for use. **Keep from freezing.**

#### Incompatible materials

Strong oxidizing agents

#### Storage temperature

Store in a cool dry environment away from sources of ignition.

## Section 8. Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational exposure limits

| Ingredient name               | Occupational exposure limits<br>ACGIH TLV (United States) |
|-------------------------------|---|
| Xylene                        | TWA: 100 ppm 8 hours                                      |
| Hydrotreated Light Distillate | TWA: 100 ppm 8 hours                                      |
| Solvent Naphtha               | TWA: 100 ppm 8 hours                                      |
| Butanol                       | TWA: 100 ppm 8 hours                                      |
| Butene, homopolymer           | Not Established   |
| Ethylbenzene                  | TWA: 100 ppm 8 hours                                      |

### 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.

## 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                                  | Milky liquid  |
| Odor  | Mild Odor   |
| 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                                 | 39 C 102 F PMCC ASTM D-93<br>71 C 160 F COC ASTM D-92                               |
| Relative evaporation rate (butyl acetate=1) | No data available   |
| Flammability (solid, gas)                   | <b>49 CFR Appendix H test confirms product is a non-sustained burning material.</b> |
| Upper/lower explosive limits                | No data available   |
| Vapor pressure                              | No data available   |
| Vapor density                               | No data available   |
| Relative density (Specific gravity)         | 0.97 Kg per Liter 8.1 Lbs per Gallon  |
| Solubility                                  | Water: Miscible   |
| Partition coefficient n-octanol/water       | No data available   |
| Auto-ignition temperature                   | Not applicable  |
| Viscosity                                   | No data available   |
| VOC content                                 | Regulatory VOC: Less than 700 g/l<br>Actual VOC : Less than 120 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. <b>Avoid freezing.</b>         |
| <u>10.5 Incompatible materials</u>             | Strong acids and oxidizers                                       |
| <u>10.6 Hazardous decomposition products</u>   | carbon monoxide, carbon dioxide, various hydrocarbon derivatives |

## 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              |   |

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

|              |    |
|--------------|----|
| Xylene       | 3  |
| Ethylbenzene | 2B |

2B - Limited evidence in humans and less than sufficient evidence in animals.

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

**12.1 Ecotoxicity** No data available

**12.2 Persistence and degradability** No data available

**12.3 Bio accumulative 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

49 CFR Appendix H test confirms product is a non-sustained burning material.

**14.1 UN number** Not applicable

**14.2 UN proper shipping name** Not applicable

**14.3 Transport hazard class(es)** Not applicable

**14.4 Packing group** Not applicable

**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

CAS #

MAX WEIGHT %



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

|                        |           |     |
|------------------------|-----------|-----|
| Xylene                 | 1330-20-7 | 3.0 |
| Ethylbenzene           | 100-41-4  | 0.4 |
| 1,2,4-Trimethylbenzene | 95-63-6   | 2.0 |
| Butanol                | 71-36-3   | 4.0 |

## 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).

## 15.1.3 Canada Regulations

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

All ingredients are listed or exempted

## 15.2 Chemical safety assessment

A Chemical Safety Assessment has not been carried out.

## Section 16. Other information

|                         |                 |
|-------------------------|-----------------|
| Date of issue           | 11-24-2020      |
| Version                 | 2.7             |
| Number                  | 490             |
| Date of previous issue  | 7-29-2020       |
| Preparer                | Nox-Crete, Inc. |
| Reference Documentation |                 |

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## Full text of H and P phrases

|                       |      |
|-----------------------|------|
| Flam. Liq. 3          | H226 |
| Asp. Tox. 1           | H304 |
| Acute Tox. 4 (dermal) | H312 |
| Skin Irrit. 2         | H315 |

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

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|                           |      |
|---------------------------|------|
| Eye Dam. 1                | H318 |
| Acute Tox. 4 (inhalation) | H332 |
| STOT SE 3                 | H335 |
| STOT SE 3                 | H336 |
| Carc. 2                   | H351 |
| STOT RE 2                 | H373 |

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P201- Obtain special instructions before use  
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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  
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P337+P313 - If eye irritation persists: Get medical advice/attention  
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