

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.
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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 20TH STREET
OMAHA, NE 68108
Tel: 402-341-2080
Fax: 402-341-9752
E-Mail: corporate@nox-crete.com
Web Site: 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)

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

Hazard statements

H315 - Causes skin irritation
H319 - Causes serious eye irritation

Precautionary statements

P302+P352 - IF ON SKIN: Wash with plenty of soap and water
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

P308+P313 - IF exposed or concerned: Get medical advice/attention
P337+P313 - If eye irritation persists: Get medical advice/attention

2.3 Other hazards

HMS - ratings (scale 0-4) 0 low- 4 high

Health	1
Flammability	2
Reactivity	0
Personal Protection	X

Full text of R, H and EUH 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	< 2.0
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	< 0.6

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 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.
<u>4.2 Most important symptoms and effects, acute and delayed</u>	
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.
<u>4.3 Indication of any immediate medical attention and special treatment needed</u>	
No additional information available	

Section 5. Firefighting measures

<u>5.1 Extinguishing media</u>	
Suitable extinguishing media	Dry chemical, foam, carbon dioxide
Unsuitable extinguishing media	Do not use heavy water stream
<u>5.2 Special hazards arising from the substance or mixture</u>	
Reactivity	Thermal decomposition products may cause a health hazard.
<u>5.3 Advice for firefighters</u>	
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

<u>6.1 Personal precautions, protective equipment and emergency procedures</u>	
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.
<u>6.11 Protective Equipment</u>	Equip cleanup crew with proper protective equipment.
<u>6.2 Environmental precautions</u>	Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.
<u>6.3 Methods and materials for containment and cleaning up</u>	
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

<u>7.1 Precautions for safe handling</u>	
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.
<u>7.2 Conditions for safe storage, including any incompatibilities</u>	

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 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

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	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 71 C 160 F COC ASTM D-92
Relative evaporation rate (butyl acetate=1)	No data available
Flammability (solid, gas)	49 CFR Appendix H test confirms product is a non-sustained burning material.
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 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. Avoid freezing.
<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	May cause skin irritation
Skin	
Eyes	May causes serious eye irritation and damage.
Respiration or skin sensitization	May cause respiratory irritation
Germ cell mutagenicity	No data available
Carcinogenicity	IARC has classified ethylbenzene as possibly carcinogenic to humans (2B) based on inadequate evidence in humans and sufficient evidence in laboratory 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

<u>12.1 Ecotoxicity</u>	No data available
<u>12.2 Persistence and degradability</u>	No data available
<u>12.3 Bioaccumulative potential</u>	No data available
<u>12.4 Mobility in soil</u>	No data available
<u>12.5 Other adverse effects</u>	Avoid release to the environment

SECTION 13. Disposal Considerations

<u>13.1 Waste treatment methods</u>	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

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

<u>14.1 UN number</u>	Not applicable
<u>14.2 UN proper shipping name</u>	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 %
Xylene	1330-20-7	1.7
Ethylbenzene	100-41-4	0.4
1,2,4-Trimethylbenzene	95-63-6	2.0
Butanol	71-36-3	4.0

TSCA**Proposition 65**

All ingredients are listed or exempted
This product contains one or more chemicals known to the State of California to cause cancer and/or reproductive toxicity.

15.1.3 Canada Regulations

This SDS has been prepared according to the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by the CPR

DSL**WHMIS**

All ingredients are listed or exempted
Class D2-B.

15.2 Chemical safety assessment

A Chemical Safety Assessment has not been carried out.

Section 16. Other information

Date of issue	9-3-2014
Version	2.1
Number	490
Date of previous issue	7-30-2014
Preparer	Nox-Crete Manufacturing Inc.

Reference Documentation

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Full text of R, H and EUH phrases

Skin Irrit. 2 - Skin irritation, hazard category 2

Eye Irrit. 2 - Serious eye damage / eye irritation, Category 2

H315 - Causes skin irritation

H319 - Causes serious eye irritation

P302+P352 - IF ON SKIN: Wash with plenty of soap and water

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

P308+P313 - IF exposed or concerned: Get medical advice/attention

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