

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

Product Form	Mixture
Trade Name	SILCOSEAL ADVANTAGE
Product Code	SSA

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 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

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

Flam Liq. 3	H226
Acute Tox. 4 (oral)	H302
Asp. Tox. 1	H304
Acute Tox. 4 (dermal)	H312
Skin Irrit. 2	H315
Eye Irrit. 2	H319
Acute Tox. 4 (inhalation)	H332
resp. irrit. STOT SE 3	H335
STOT SE 3 drowsiness	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



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

Signal word	Warning
Hazard statements	H226 - Flammable liquid and vapor H302 - Harmful if swallowed H304 - May be fatal if swallowed and enters airways H312 - Harmful in contact with skin H315 - Causes skin irritation H319 - Causes serious eye irritation 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 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. P280 - Wear protective gloves/protective clothing/eye protection/face protection
Response:	P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician P302+P352 - IF ON SKIN: Wash with plenty of soap and water 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.
Storage:	P501 - Dispose of contents/container in accordance with local/regional/national/international regulations.
Disposal:	
2.3 Other hazards	None known

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	< 6.0
Petroleum Distillate	Trade Secret	Trade Secret
Solvent Naphtha	Trade Secret	Trade Secret
Butanol	71-36-3	< 3.0
Butene, homopolymer	Trade Secret	Trade Secret
Ethylbenzene	100-41-4	< 1.7
Cumene	98-82-8	< 0.2

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 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. Strong acids or bases

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
Petroleum Distillate	TWA: 400 ppm 8 hours

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

Solvent Naphtha	TWA: 19 ppm 8 hours
Butanol	TWA: 20 ppm 8 hours
Butene, homopolymer	Not Established
Ethylbenzene	TWA: 20 ppm 8 hours
Cumene	TWA: 50 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 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	35 C 95 F PMCC
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	Less than 600 g/l

Section 10. Stability and reactivity

10.1 Reactivity

No additional information available

10.2 Chemical stability

Stable under normal conditions

10.3 Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.4 Conditions to avoid

Extreme high or low temperatures. **Avoid freezing.**

10.5 Incompatible materials

Strong acids, bases and oxidizers

10.6 Hazardous decomposition products

carbon monoxide, carbon dioxide, various hydrocarbon derivatives

Section 11. Toxicology information

**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	5.8
Ethylbenzene	100-41-4	1.7
1,2,4-Trimethylbenzene	95-63-6	0.9
Butanol	71-36-3	2.8

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 *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	11-25-2015
Version	2.0
Number	650
Date of previous issue	4-14-2011
Preparer	Nox-Crete Manufacturing Inc.

Reference Documentation

The information contained herein is based on data available to us and is believed to be correct. Since this information may have been obtained in part from independent laboratories or other sources not under our direct supervision, no representation is made that the information is accurate, reliable, complete or representative and Buyer may rely thereon only at Buyer's risk. We have made no effort to censor or to conceal deleterious aspects of this product. Further since we cannot anticipate or control the many different conditions under which this information or our products may be used, we make no guarantee that the health and/or safety precautions we have suggested will be adequate for all individuals and/or situations involving its handling or use. Likewise, we make no guarantee or warranty of any kind that the use or disposal of this product is in compliance with all federal, state or local laws. It is the obligation of each user of the product mentioned herein to determine and comply with the requirements of all applicable statutes.

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Full text of R, H and EUH phrases

H226 - Flammable liquid and vapor	Flam Liq. 3
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H304 - May be fatal if swallowed and enters airways	Asp. Tox. 1
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H315 - Causes skin irritation	Skin Irrit. 2
H319 - Causes serious eye irritation	Eye Irrit. 2
H332 - Harmful if inhaled	Acute Tox. 4 (inhalation)
H335 - May cause respiratory irritation	STOT SE 3 resp. irrit.
H336 - May cause drowsiness or dizziness	STOT SE 3 drowsiness
H351 - Suspected of causing cancer (inhalation)	Carc. 2
H373 - May cause damage to organs through prolonged or repeated exposure	STOT RE 2
P201 - Obtain special instructions before use	
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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	
P302+P352 - IF ON SKIN: Wash with plenty of soap and water	
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	
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