

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

| | |
|--------------|-------------------|
| Product Form | Mixture |
| Trade Name | SILCOSEAL CLASSIC |
| Product Code | SSC |

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 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 |
| Asp. Tox. 1 | H304 |
| Skin Irrit. 2 | H315 |
| Eye Dam. 1 | H318 |
| STOT SE 3 | H335 |
| STOT SE 3 | H336 |
| Carc. 2 | H351 |
| Repr. 2 | H361 |
| STOT RE 2 | H373 |

Full text of H and P 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

H226: Flammable liquid and vapor
H304: May be fatal if swallowed and enters airways
H315: Causes skin irritation
H318: Causes serious eye damage
H335: May cause respiratory irritation
H336: May cause drowsiness or dizziness
H351: Suspected of causing cancer
H361: Suspected of damaging fertility or the unborn child
H373: May cause damage to organs

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.
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.

Response:

P280: Wear protective gloves/protective clothing/eye protection/face protection.
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+P310: IF IN EYES: Immediately call a POISON CENTER or doctor/physician.
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.
P331: Do NOT induce vomiting.
P370+P378 - In case of fire: Use Dry chemical, foam, carbon dioxide for extinction.

Storage:

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

Disposal:

P405: Store locked up.
P501: Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3 Other hazards

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 | % |
|------------------------|--------------------|--------------|
| Toluene | 108-88-3 | <11.0 |
| Organic solvent | Trade Secret | Trade Secret |
| Alcohol | Trade Secret | Trade Secret |
| 1,2,4-Trimethylbenzene | 95-63-6 | <6.0 |
| Ethylbenzene | 100-41-4 | <1.0 |
| Cumene | 98-82-8 | <1.0 |
| Xylene | 1330-20-7 | <2.0 |

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



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

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.

Incompatible materials Strong oxidizing agents. Strong acids or bases and select amines.

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) |
|------------------------|---|
| Toluene | TWA: 20 ppm 8 hours |
| Organic Solvent | TWA: 200 ppm 8 hours |
| Alcohol | TWA: 50 ppm 8 hours |
| 1,2,4-Trimethylbenzene | TWA: 25 ppm 8 hours |
| Ethylbenzene | TWA: 20 ppm 8 hours |



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

| | |
|--------|----------------------|
| Cumene | TWA: 50 ppm 8 hours |
| Xylene | 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 | Red liquid |
| Odor | Mild Solvent 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 | 24 C 74 F PMCC |
| Relative evaporation rate (butyl acetate=1) | No data available |
| Flammability (solid, gas) | 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) | 0.81 Kg per Liter 6.7 Lbs per Gallon |
| Solubility | Water: Insoluble |
| Partition coefficient n-octanol/water | No data available |
| Auto-ignition temperature | No data available |
| Viscosity | No data available |
| VOC content | 726 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. |
| 10.5 Incompatible materials | Strong acids, bases, oxidizers and select amines. |
| 10.6 Hazardous decomposition products | 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. |
|-----------------------|---|



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

| | | |
|--|-------------|---|
| 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**

| | |
|--------------|----|
| Xylene | 3 |
| Toluene | 3 |
| Ethylbenzene | 2B |
| Cumene | 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 | May be fatal if swallowed and enters airways |

Section 12. Ecological information

| | |
|---|----------------------------------|
| 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 | UN1263 |
| 14.2 UN proper shipping name | UN1263, Paint Related Material,3,PGIII |
| 14.3 Transport hazard class(es) | Flammable Liquid |
| 14.4 Packing group | PGIII |
| 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 | |



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

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 % |
|------------------------|----------|--------------|
| Toluene | 108-88-3 | < 11.0 |
| 1,2,4-Trimethylbenzene | 95-63-6 | < 6.0 |
| Ethylbenzene | 100-41-4 | < 1.0 |

TSCA

Proposition 65

All ingredients are listed or exempted
This product NOT FOR SALE in the State of California.

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

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 | 4-26-2023 |
| Version | 3.0 |
| Number | 607 |
| Date of previous issue | 11-20-2020 |
| Preparer | Nox-Crete, Inc. |
| <u>Reference Documentation</u> | |

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Full text of H and P phrases

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| Carc. 2 | H351: Suspected of causing cancer |
| Repr. 2 | H361: Suspected of damaging fertility or the unborn child |
| STOT RE 2 | H373: May cause damage to organs |

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