



chemical solutions to concrete problems

## SILCOSEAL 2000 F

## 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 2000 F
Product Code	SS2F

#### 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, 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

Flam Liq. 3	H226
Asp. Tox. 1	H304
Skin Irrit. 2	H315
Eye Irrit. 2	H319
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



Signal word

Danger

Hazard statements

H226 - Flammable liquid and vapor  
H304 - May be fatal if swallowed and enters airways

H315 - Causes skin irritation  
H319 - Causes serious eye irritation  
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  
P308+P313 - If exposed or concerned: Get medical advice / attention  
P312 - Call a POISON CENTER or doctor/physician if you feel unwell.  
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.

**Storage:****Disposal:****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**



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Name	Product identifier	%
Xylene	1330-20-7	< 6.0
Organic Solvent #1	Trade Secret	Trade Secret
Organic Solvent #2	Trade Secret	Trade Secret
Butanol	71-36-3	< 3.0
Ethylbenzene	100-41-4	< 1.7
Cumene	98-82-8	< 0.2
1,2,4-Trimethylbenzene	95-63-6	<1.2

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****5.3 Advice for firefighters****Firefighting instructions****Protective equipment for firefighters****Other information**

Thermal decomposition products may cause a health hazard.

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

Firefighters should always wear self-contained breathing apparatus (SCBA) and full protective gear when fighting any chemical fire.

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.

Wash contaminated clothing before reuse.

**Hygiene measures****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**

<b>Ingredient name</b>	<b>Occupational exposure limits ACGIH TLV (United States)</b>
Xylene	TWA: 100 ppm 8 hours
Organic Solvent #1	TWA: 800 ppm 8 hours
1,2,4-trimethylbenzene	TWA: 25 ppm 8 hours
Butanol	TWA: 20 ppm 8 hours
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



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### 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	35 C 95 F PMCC
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	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

### 11.1 Information on toxicological effects

#### Acute toxicity

No adverse effects expected under intended use.

#### Irritation/Corrosion Skin Eyes

May cause skin irritation

May cause serious eye irritation and damage.

#### Respiration or skin sensitization

May cause respiratory irritation

#### Germ cell mutagenicity

No data available

#### Carcinogenicity

#### IARC

Xylene

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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** No data available

### Section 12. Ecological information

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

### SECTION 13. Disposal Considerations

<b>13.1 Waste treatment methods</b>	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.

<b>14.1 UN number</b>	Not applicable
<b>14.2 UN proper shipping name</b>	Not applicable
<b>14.3 Transport hazard class(es)</b>	Not applicable
<b>14.4 Packing group</b>	Not applicable
<b>14.5 Environmental hazards</b>	No additional information available
<b>14.6 Special precautions for user</b>	No additional information available
<b>14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	No additional information available
<b>14.8 Transport in bulk according to CFR 49 173.15</b>	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.



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CHEMICAL	CAS #	MAX WEIGHT %
Xylene	1330-20-7	5.8
Ethylbenzene	100-41-4	1.7
1,2,4-Trimethylbenzene	95-63-6	1.2
Butanol	71-36-3	2.8

### TSCA

All ingredients are listed or exempted

### PROPOSITION 65



### WARNING: NOT FOR SALE IN CALIFORNIA

#### 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	11-26-2023
Version	4.0
Number	38
Date of previous issue	5-11-2023
Preparer	Nox-Crete, Inc.

### Reference Documentation

The information and recommendations contained herein are, to the best of Nox-Crete, Inc.'s knowledge and belief, accurate and reliable as of the date issued. You can contact Nox-Crete, Inc. to ensure that this document is the most current available from Nox-Crete, Inc. The information and recommendations are offered for the buyer's/user's consideration and examination. It is the buyer's/user's responsibility to satisfy themselves that the product is suitable for the intended use. Appropriate warnings and safe-handling procedures should be provided to all handlers and users. Since conditions for use of the product are not under the control of the manufacturer, it is the buyer's/user's duty to determine the conditions necessary for the safe use of this product. Since the information provided herein 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/user may rely thereon only at their 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 buyer/user of the product mentioned herein to determine and comply with the requirements of all applicable statutes. If buyer/user repackages this product, it is the buyer's/user's responsibility to ensure proper health, safety and other necessary information is included with and/or on the container. Nox-Crete, Inc. urges each customer or recipient of this SDS to study it carefully and consult appropriate expertise, as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards associated with this product. Alteration of this document is strictly prohibited. Except to the extent required by law, re-publication or retransmission of this document, in whole or in part is not permitted.

### Full text of H and P phrases

H226 - Flammable liquid and vapor	Flam Liq. 3
H304 - May be fatal if swallowed and enters airways	Asp. Tox. 1
H315 - Causes skin irritation	Skin Irrit. 2



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H319 - Causes serious eye irritation  
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

Eye Irrit. 2  
STOT SE 3 resp. irrit.  
STOT SE 3 drowsiness  
Carc. 2  
STOT RE 2

P201 - Obtain special instructions before use  
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