



1. PRODUCT AND COMPANY IDENTIFICATION

Company	: NOX-CRETE MANUFACTURING INC	E-Mail	: corporate@nox-crete.com
Address	: 1444 SOUTH 20 TH STREET OMAHA, NE 68108	Web Site:	: www.nox-crete.com
Telephone	: 402-341-2080	Product Code	: SS2F
Fax	: 402-341-9752	Product Form	: Mixture
Emergency Phone	: 800-424-9300 (Chemtrec) 703-527-3887 (Chemtrec outside U.S.)	Product Use	: Industrial. For professional use only.
		Uses Advised Against	: No further relevant information available.

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture:

Classification according to Regulations 29CFR 1910.1200, (EC) No. 1272/2008(GLP)(GHS)

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
STOT SE 3 Resp Irrit.	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

Label elements

Hazard pictograms:



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.



2. HAZARDS IDENTIFICATION CONTINUED

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 areas 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.

Storage:

- P403+P235 Store in a well ventilated place. Keep cool.
- P405 Store locked up.

Disposal:

- P501 Dispose of contents/container in accordance with local, regional, national, and international regulations.

Other hazards: None known.

Full text of R, H and EUH phrases: see section 16.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substances: Not applicable.

Mixture:

Name	Product identifier	%
Xylene	1330-20-7	< 6.0
Hydrotreated Light 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.



4. FIRST AID PROCEDURES MEASURES

Description of first aid measures:

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| 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. |

Most important symptoms and effects, acute and delayed:

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| 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. |

Indication of any immediate medical attention and special treatment needed: No additional information available.

5. FIREFIGHTING MEASURES

Extinguishing media:

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| Suitable extinguishing media: | Dry chemical, foam, carbon dioxide. |
| Unsuitable extinguishing media: | Do not use heavy water stream. |

Special hazards arising from the substance or mixture:

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| Reactivity: | Thermal decomposition products may cause a health hazard. |
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Advice for firefighters:

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| 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. |
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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.

6. ACCIDENTAL RELEASE MEASURES

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.

Protective Equipment:

Equip cleanup crew with proper protective equipment.

Environmental precautions:

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

Methods and material for containment and cleaning up:

Soak up spills with inert solids, such as clay or diatomaceous earth. Collect into vapor tight containers and dispose of properly.



7. HANDLING AND STORAGE

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.

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.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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: 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

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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties:

General Information:

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



10. STABILITY/REACTIVITY

- Reactivity:** No additional information available.
- Chemical stability:** Stable under normal conditions
- Possibility of hazardous reactions:** Hazardous polymerization will not occur.
- Conditions to avoid:** Extreme high or low temperatures. **Avoid freezing.**
- Incompatible materials:** Strong acids, bases and oxidizers.
- Hazardous decomposition products:** Carbon monoxide, carbon dioxide, various hydrocarbon derivatives.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects:

- Acute toxicity:** No adverse effects expected under intended use.
- Irritation/Corrosion:**
- Skin:** May cause skin irritation.
 - Eyes:** May cause serious eye irritation and damage.
- Respiration or skin sensitization:** May cause respiratory irritation.
- Germ cell mutagenicity:** No data available.

Carcinogenicity	IARC	NTP
Xylene	3	—
Ethylbenzene	2B	—
Cumene	2B	Reasonably Anticipated To Be Human Carcinogen

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.

12. ECOLOGICAL INFORMATION

- Ecotoxicity:** No data available.
- Persistence and degradability:** No data available.
- Bioaccumulative potential:** No data available.
- Mobility in soil:** No data available.
- Other adverse effects:** Avoid release to the environment.

13. WASTE DISPOSAL INFORMATION

- 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.



14. TRANSPORTATION INFORMATION

In accordance with ADR / RID / ADNR / IMDG / ICAO / IATA

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

UN-Number	: Not applicable.
UN proper shipping name	: Not applicable.
Transport hazard class(es)	: Not applicable.
Packing group	: Not applicable.
Environmental hazards	: No additional information available.
Special precautions for user	: No additional information available.
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	: No additional information available.
Transport in bulk according to CFR 49 173.15	: Not applicable.

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture:

U.S.A. 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: All ingredients are listed or exempted.

Proposition 65: 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: All ingredients are listed or exempted.

WHMIS: Class D2-B

Chemical safety assessment: A chemical safety assessment has not been carried out.

16. OTHER INFORMATION

Reference Documentation: The information contained herein is based on data available to the manufacturer and is believed to be correct. Since this information may have been obtained in part from independent laboratories or other sources not under the manufacturer's 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. The manufacturer has made no effort to censor or to conceal deleterious aspects of this product. Further since the manufacturer cannot anticipate or control the many different conditions under which this information or the products may be used, no guarantee that the health and/or safety precautions suggested will be adequate for all individuals and/or situations involving its handling or use. Likewise, no guarantee or warranty of any kind is made 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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16. OTHER INFORMATION (CONTINUED)

Full text of R, H and EUH phrases

H226	Flammable liquid and vapor.	Flam Liq. 3
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H312	Harmful in contact with skin.	Acute Tox. 4 (dermal)
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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
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