

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

Product Form	Mixture
Trade Name	CURE & SEAL 100E,150E,250E
Product Code	CS100E,CS150E,CS250E

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****Supplier**

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

Not Classified

Full text of H phrases see section 16**Adverse physicochemical, human health and environmental effects**

No additional information available

2.2 Label elements

Hazard pictograms

GHS Physical Hazard Pictogram	GHS Health Hazard Pictogram	GHS Environmental Hazard Pictogram
Not Applicable	Not Applicable	Not Applicable

Signal word

Hazard statements

Low hazard for usual commercial handling by trained personnel

Precautionary statements

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
Continue rinsing
P332+P313 - If skin irritation occurs: Get medical advice/attention
P337+P313 - If eye irritation persists: Get medical advice/attention

2.3 Other hazards**HMIS - ratings (scale 0-4) 0 low- 4 high**

Health	1
Flammability	1
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

This product contains no hazardous ingredients when evaluated by criteria established in the OSHA Hazard Communication Standard (29 CFR 1910.1200).

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 if symptoms occur.

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 irritation 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**Use fire-extinguishing media appropriate for surrounding materials.
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**

Use water spray or fog to cool exposed containers.

Protective equipment for firefighters

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

Other informationOn 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**

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. Keep containers tightly closed until ready for use. Keep from freezing.

Incompatible materials

None known

Storage temperature

Prevent exposure to freezing temperatures.

Section 8. Exposure controls/personal protection**8.1 Control parameters****Occupational exposure limits**

Ingredient name	Occupational exposure limits ACGIH TLV (United States, 2/2010)
Inorganic Silicate	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

Skin protection

eye contact, irritation or injury.

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	White emulsion
Odor	Mild
Odor Threshold	No data available
PH	No data available
Melting point	No data available
Freezing point	No data available
Boiling point	100 C (212 F)
Flash point	Not applicable
Relative evaporation rate (butyl acetate=1)	No data available
Flammability (solid, gas)	No data available
Upper/lower explosive limits	No data available
Vapor pressure	No data available
Vapor density	No data available
Relative density (Specific gravity)	1.01-1.02 Kg per Liter 8.4-8.5 Lbs per Gallon
Solubility	Water: Complete
Partition coefficient n-octanol/water	No data available
Auto-ignition temperature	Not applicable
Viscosity	No data available
VOC content	No data available

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

Avoid freezing

10.5 Incompatible materials

None known

10.6 Hazardous decomposition products

Carbon Monoxide, Carbon Dioxide

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 causes eye irritation and damage.

Respiration or skin sensitization

May cause respiratory irritation

Germ cell mutagenicity

Not classified

Carcinogenicity

No component of this product present at levels greater than 0.1 % is identified as a carcinogen by the U.S. National Toxicology Program, the U.S. Occupational Safety and Health Act, or the International Agency on Research on Cancer (IARC)

Reproductive toxicity

Not classified

Specific target organ toxicity	
Single exposure	Not classified
Repeated exposure	Not classified
Aspiration hazard	Not classified

Section 12. Ecological information

12.1 Ecotoxicity	Not established
12.2 Persistence and degradability	Not established
12.3 Bioaccumulative potential	Not established
12.4 Mobility in soil	No additional information 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.
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SECTION 14. Transport information

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

14.1 UN number	Not dangerous goods in sense of transport regulations.
14.2 UN proper shipping name	Concrete Curing Compound
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	
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 no ingredients at or above the De Minimus reporting level
TSCA	All ingredients are listed or exempted
Proposition 65	None of the ingredients is listed
15.1.3 Canada Regulations	
DSL	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
WHMIS	All ingredients are listed or exempted
15.2 Chemical safety assessment	Not Controlled.
	A Chemical Safety Assessment has not been carried out.

Section 16. Other information

Date of issue	7-8-2014
Version	2.0



chemical solutions
to concrete problems

CURE & SEAL 100E,150E,250E

Safety Data Sheet

According to Regulation 29 CFR 1910.1200
Regulation (EC) No. 1272/2008 (CLP)(GHS)

Number 582
Date of previous issue 07-27-2010
Preparer Nox-Crete Manufacturing Inc.

Reference Documentation

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