



chemical solutions to concrete problems

# CURE & SEAL 20 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

<b>Product Form</b>	Mixture
<b>Trade Name</b>	CURE AND SEAL 20
<b>Product Code</b>	VCS20

### 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, INC 1444 SOUTH 20 <sup>TH</sup> STREET OMAHA, NE 68108 Tel: 402-341-2080 Fax: 402-341-9752 E-Mail: <a href="mailto:corporate@nox-crete.com">corporate@nox-crete.com</a> Web Site: <a href="http://www.nox-crete.com">www.nox-crete.com</a>	Vieira Concrete Supplies 357 GAGE AVE. N. HAMILTON, ON L8L7A8 Tel: 905-544-7088 Fax: 905-544-7089  Web Site: <a href="http://www.vieiraconcrete.com">www.vieiraconcrete.com</a>

### 1.4 Emergency telephone number

<b>Emergency Number</b>	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. 2	H225
Asp. Tox. 1	H304
Eye Irr. 2B	H320
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 physicochemical, human health and environmental effects

No additional information available

### 2.2 Label elements

Hazard pictograms



Signal word

**Danger**

Hazard statements

H225 – Highly flammable liquid and vapor



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H304 - May be fatal if swallowed and enters airways  
H320- Causes eye irritation  
H335 - May cause respiratory irritation  
H336 - May cause drowsiness or dizziness  
H351- Suspected of causing cancer  
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.  
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  
P260 - Do not breathe dust/fume/gas/mist/vapors/spray  
P264+P265 - Wash exposed area's thoroughly after handling. Do not touch eyes  
  
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  
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 - 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  
P332+P313 - If skin irritation occurs: Get medical advice/attention  
P337+P313+P317 - If eye irritation persists: Get medical advice/attention  
P362 - Take off contaminated clothing and wash before reuse.  
P370+P378 - In case of fire: Use Dry chemical, foam, carbon dioxide for extinction

### Storage:

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

### Disposal:

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

Full text of H and P phrases: see section 16



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2.3 Other hazards

None known

## Section 3. Composition / information on ingredients

### 3.1 Substances

Not applicable

### 3.2 Mixture

Name	Product identifier	%
Exempt Solvent	Trade Secret	Trade Secret
Organic Solvent #1	Trade Secret	Trade Secret
Organic Solvent #2	Trade Secret	Trade Secret
Xylene	1330-20-7	< 0.3
Cumene	98-82-8	<0.3

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



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### **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**

Flammable Liquid! 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**

Extremely Flammable. Eliminate any ignition sources. Dike or impound spilled material. Use Non-sparking tools. All equipment must be grounded. 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 and acids

**Storage temperature**

Store in a cool dry environment away from sources of ignition.

## **Section 8. Exposure controls/personal protection**

### **8.1 Control parameters**



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## Occupational exposure limits

Ingredient name	Occupational exposure limits ACGIH TLV (United States)
Organic Solvent #1	TWA: 100 ppm 8 hours
Organic Solvent #2	TWA: 100 ppm 8 hours
Xylene	TWA: 100 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 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	Hazy liquid
Odor	No data available
Odor Threshold	No data available
PH	No data available
Melting point	No data available
Freezing point	No data available
Boiling point	No data available
Flash point	> 18 C > 64 F PMCC
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)	1.036 Kg per Liter 8.65 Lbs per Gallon
Solubility	Water: Negligible
Partition coefficient n-octanol/water	No data available
Auto-ignition temperature	Not applicable
Viscosity	17.6 ZII
VOC content	< 350 grams per liter
Solids	20.8%

## Section 10. Stability and reactivity

### 10.1 Reactivity

No additional information available

### 10.2 Chemical stability

Stable under normal conditions



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**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 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	3
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**

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.

## SECTION 14. Transport information

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

**14.1 UN number**

UN1263

**14.2 UN proper shipping name**

Paint Related Material

**14.3 Transport hazard class(es)**

3

**14.4 Packing group**

II

**14.5 Environmental hazards**

No additional information available



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**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 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	< 0.3
Cumene	98-92-8	< 0.3

**TSCA** All ingredients are listed or exempted

**PROPOSITION 65** **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**

**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 / revision	9-25-2024
Version	1.0
Number	1055
Date of previous issue / revision	
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



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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

Flam Liq. 2	H225
Asp. Tox. 1	H304
STOT SE 3 resp. irrit.	H335
STOT SE 3 drowsiness	H336
Carc. 2	H351
STOT RE 2	H373

- H225 – Highly flammable liquid and vapor
- H304 - May be fatal if swallowed and enters airways
- H335 - May cause respiratory irritation
- H336 - May cause drowsiness or dizziness
- H351- Suspected of causing cancer
- H373 - May cause damage to ears and CNS through prolonged or repeated exposure

- 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
- P260 - Do not breathe 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
- P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- 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
- P332+P313 - If skin irritation occurs: Get medical advice/attention
- P337+P313 - If eye irritation persists: Get medical advice/attention
- P362 - Take off contaminated clothing and wash before reuse.
- P370+P378 - In case of fire: Use Dry chemical, foam, carbon dioxide for extinction.
- P405+P403+P235 - Store locked up in a well-ventilated place. Keep cool.
- P501: Dispose of contents/container in accordance with local/regional/national/international regulations.