

# MATERIAL SAFETY DATA SHEET

## VINYL-HESIVE

<b>1. Product And Company Identification</b>	
<u>Manufacturer</u> <b>NOX-CRETE MANUFACTURING INC.</b> <b>1444 SOUTH 20TH STREET</b> <b>OMAHA, NE 68108</b>	<b>Contact Information</b>  <b>FAX Number:</b> 402-341-9752 <b>E-Mail:</b> corporate@nox-crete.com <b>Web Site:</b> www.nox-crete.com
<u>Emergency Phone Number</u> <b>CHEMTREC: 800-424-9300</b> <b>CHEMTREC OUTSIDE OF U.S.: 703-527-3887</b>	<u>Manufacturer Phone Number</u> <b>402-341-2080</b>
<b>Issue Date:</b> 06/26/2007  <b>Product Name:</b> VINYL-HESIVE <b>CAS Number:</b> Not Established <b>Chemical Family:</b> Copolymer Emulsion <b>MSDS Number:</b> 107 <b>Product Code:</b> VH	

<b>2. Information On Hazardous Ingredients</b>			
	Ingredient Name	CAS Number	
	POLYVINYL ALCOHOL	9002-89-5	

<b>3. Hazards Identification</b>
<u>Primary Routes(s) Of Entry</u> Eye Contact, Ingestion, Inhalation, Skin Contact  <u>Eye Hazards</u> May cause eye irritation.  <u>Skin Hazards</u> May cause skin irritation.  <u>Ingestion Hazards</u> Harmful if swallowed.  <u>Inhalation Hazards</u> May cause respiratory tract irritation.

<b>4. First Aid Measures</b>
<u>Eye</u> In case of contact, hold eyelids apart and immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.  <u>Skin</u> Remove contaminated clothing and shoes. Wash affected areas with soap and water. Wash clothing before reuse. Get medical attention immediately if irritation (redness, rash, blistering) develops and persists.  <u>Ingestion</u> Never give anything by mouth to an unconscious victim. If victim is fully conscious, give several cups of water to drink. Get medical attention immediately.

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### 4. First Aid Measures - Continued

#### Inhalation

If irritation, headache, nausea, or drowsiness occurs, remove to fresh air. Get medical attention if breathing becomes difficult or symptoms persist.

### 5. Fire Fighting Measures

**Flash Point:** Non flammable °F

#### Extinguishing Media

Use the appropriate extinguishing media for the surrounding fire. Use CO2 (Carbon Dioxide), dry chemical, or foam.

#### Fire Fighting Instructions

Firefighters should wear self-contained breathing apparatus and full protective gear while fighting fires containing any chemicals.

Material can splatter above 100 C / 212 F. Polymer film can burn.

### 6. Accidental Release Measures

Dike or impound spilled material. Contain and/or absorb spill with inert material (e.g. sand, vermiculite). Collect into vapor tight containers and dispose of properly.

### 7. Handling And Storage

#### Handling Precautions

Keep container closed when not in use. Use only with adequate ventilation.

#### Storage Precautions

Store product in a cool, dry environment away from sources of ignition. **Prevent exposure to freezing temperatures.**

#### Work/Hygienic Practices

Wash thoroughly with soap and water after handling.

### 8. Exposure Controls/Personal Protection

#### Engineering Controls

Use with adequate ventilation to keep product vapor concentrations below specified TLV.

#### Eye/Face Protection

Chemical goggles and/or face shields are required to prevent potential eye contact, irritation or injury.

#### Skin Protection

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. The use of a NIOSH approved respirator is recommended whenever the airborne concentrations exceed the TLV.

### 9. Physical And Chemical Properties

#### Appearance

White emulsion.

**Chemical Type:** Mixture

**Physical State:** Liquid

**Boiling Point:** 212 °F

**Specific Gravity:** Heavier than water

**Packing Density:** 8.6 lbs per gallon

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### 9. Physical And Chemical Properties - Continued

#### Appearance - Continued

**Solubility:** Soluble

**Evaporation Rate:** Slower than ether

**Flash Point:** Non-flammable

### 10. Stability And Reactivity

**Stability:** Stable

**Hazardous Polymerization:** Will not occur

#### Incompatible Materials

None known

#### Hazardous Decomposition Products

Combustion may produce carbon monoxide and/or carbon dioxide.

### 11. Toxicological Information

#### Chronic/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).

### 12. Ecological Information

No Data Available...

### 13. Disposal Considerations

Care must be taken to prevent environmental contamination from the use of this material. 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. Transport Information

#### Proper Shipping Name

Concrete bonding agent

#### Freight Class

Class 55

### 15. Regulatory Information

#### SARA Section 313 Notification

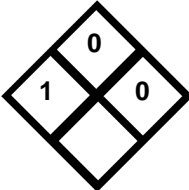
This product does not contain any ingredients, at or exceeding the De Minimus reporting level, regulated under Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 or 40 CFR 372.

#### State Regulations

Proposition 65: WARNING. This product contains one or more chemicals known to the State of California to cause cancer and/or reproductive toxicity.

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<b>NFPA</b>	<b>HMIS</b>								
	<table border="1"><tr><td>HEALTH</td><td style="text-align: center;">1</td></tr><tr><td>FLAMMABILITY</td><td style="text-align: center;">0</td></tr><tr><td>REACTIVITY</td><td style="text-align: center;">0</td></tr><tr><td>PERSONAL PROTECTION</td><td style="text-align: center;">X</td></tr></table>	HEALTH	1	FLAMMABILITY	0	REACTIVITY	0	PERSONAL PROTECTION	X
HEALTH	1								
FLAMMABILITY	0								
REACTIVITY	0								
PERSONAL PROTECTION	X								

### 16. Other Information

#### Revision/Preparer Information

MSDS Preparer: David MacFarlane

This MSDS Supercedes A Previous MSDS Dated: 03/21/2005

#### Reference Documentation

The information contained herein is based on data available to us and is believed to be correct. Since this information 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 may rely thereon only at Buyers 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 user of the product mentioned herein to determine and comply with the requirements of all applicable statutes.

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**NOX-CRETE MANUFACTURING INC.**