

# MATERIAL SAFETY DATA SHEET

## DAUERCAST BINDER COMPONENT B

<b>1. Product And Company Identification</b>	
<b>Manufacturer</b> NOX-CRETE MANUFACTURING INC 1444 SOUTH 20TH STREET OMAHA, NE 68108	<b>Contact Information</b>  FAX Number: 402-341-9752 E-Mail: corporate@nox-crete.com Web Site: www.nox-crete.com
<b>Emergency Phone Number</b> CHEMTREC: 800-424-9300 CHEMTREC OUTSIDE OF U.S.: 703-527-3887	<b>Manufacturer Phone Number</b> 402-341-2080
Issue Date: 07/19/2010 Product Name: DAUERCAST BINDER COMPONENT B Chemical Family: EPOXY RESIN HARDENER MSDS Number: 165 Product Code: DCBB	

<b>2. Hazards Identification</b>
<b>Primary Routes(s) Of Entry</b> Eye Contact, Ingestion, Inhalation, Skin Contact
<b>Eye Hazards</b> May cause extreme irritation, burns and corneal injury.
<b>Skin Hazards</b> May cause burns or external ulcers.
<b>Ingestion Hazards</b> Causes severe digestive tract burns.
<b>Inhalation Hazards</b> May cause nose, throat, and lung irritation.
<b>Conditions Aggravated By Overexposure</b> Respiratory or skin infections.

<b>3. Composition/Information On Hazardous Ingredients</b>			
	Ingredient Name	CAS Number	
	DIETHYLENETRIAMINE	111-40-0	
	PHENOL,4,4'-(1-METHYLETHYLIDENE)BIS-	80-05-7	
	TETRAETHYLENEPENTAMINE	112-57-2	

<b>4. First Aid Measures</b>
<b>Eye</b> In case of contact, hold eyelids apart and immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.
<b>Skin</b> 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.

# MATERIAL SAFETY DATA SHEET

## DAUERCAST BINDER COMPONENT B

### 4. First Aid Measures - Continued

#### Ingestion

If swallowed, do not induce vomiting. Get medical attention immediately.

#### 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:** 257 °F 126 °C

**Flash Point Method:** PMCC

#### Fire And Explosion Hazards

May generate ammonia gas. May generate toxic nitrogen oxide gases. Use of water may result in the formation of very toxic aqueous solutions. Do not allow run-off from fire fighting to enter drains or water courses.

#### Extinguishing Media

Use CO2 (Carbon Dioxide), dry chemical, or foam.

#### Fire Fighting Instructions

Firefighters should wear self-contained breathing apparatus and full protective gear.

### 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 And Storage Precautions

Keep containers tightly closed. Use only with adequate ventilation.

#### Work/Hygienic Practices

Wash thoroughly with soap and water after handling.

### 8. Exposure Controls/Personal Protection

#### Eye/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.

#### 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.

#### Ingredient(s) - Exposure Limits

DIETHYLENETRIAMINE

TWA 1 ppm

### 9. Physical And Chemical Properties

#### Appearance

Amber liquid with slight ammonia odor.

**Chemical Type:** Mixture

**Physical State:** Liquid

**Specific Gravity:** Lighter than water

**Packing Density:** 8.2 lbs/gal      0.984 kg per liter

# MATERIAL SAFETY DATA SHEET

## DAUERCAST BINDER COMPONENT B

### 9. Physical And Chemical Properties - Continued

**Solubility:** Slightly soluble

**Evaporation Rate:** Slower than ether

### 10. Stability And Reactivity

**Hazardous Polymerization:** Will not occur

**Incompatible Materials**

Strong oxidizing agents, sodium hypochlorite, nitrous acid, mineral acids, and epoxy resins under uncontrolled situations.

**Hazardous Decomposition Products**

Combustion may produce carbon monoxide, carbon dioxide, chlorine, ammonia, oxides of nitrogen and nitrosamines.

### 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

No Data Available...

### 15. Regulatory Information

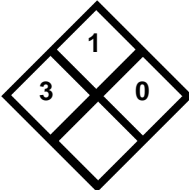
**SARA Section 313 Notification**

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372. This information must be included in all MSDSs that are copied and distributed for this material.

CHEMICAL	CAS #	MAX WEIGHT %
Phenol,4,4'-(1-methylethylidene)bis-	112-57-2	2.5 %

# MATERIAL SAFETY DATA SHEET

## DAUERCAST BINDER COMPONENT B

<b>NFPA</b>	<b>HMIS</b>								
	<table border="1"><tr><td>HEALTH</td><td style="text-align: center;">3</td></tr><tr><td>FLAMMABILITY</td><td style="text-align: center;">1</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	3	FLAMMABILITY	1	REACTIVITY	0	PERSONAL PROTECTION	X
HEALTH	3								
FLAMMABILITY	1								
REACTIVITY	0								
PERSONAL PROTECTION	X								

### 16. Other Information

#### Revision/Preparer Information

MSDS Preparer: David MacFarlane

This MSDS Supersedes A Previous MSDS Dated: 09/06/2006

#### 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.

#### Disclaimer

The information in this document is believed to be correct as of the date issued. HOWEVER, NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR ANY WARRANTY IS EXPRESSED OR IS TO BE IMPLIED REGARDING THE ACCURACY OR COMPLETENESS OF THIS INFORMATION OR THE PRODUCT, THE SAFETY OF THIS PRODUCT, OR THE HAZARDS RELATED TO ITS USE. This information and product are furnished on the condition that the person receiving them shall make his own determination as to the suitability of the product for his particular purpose and on the condition that he assumes the risk of this use thereof.

**NOX-CRETE MANUFACTURING INC**

Printed Using MSDS Generator™ 2000