

# MATERIAL SAFETY DATA SHEET

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## DAUERCAST DQ TOP COAT 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: 04/19/2012 Product Name: DAUERCAST DQ TOP COAT COMPONENT B Chemical Family: EPOXY RESIN HARDENER MSDS Number: 718 Product Code: DCDQTB			
<b>2. Composition/Information On Hazardous Ingredients</b>			
Ingredient Name		CAS Number	
1,2-CYCLOHEXANEDIAMINE		694-83-7	
BENZENE-1,3-DIMETHANEAMINE		1477-55-0	
BENZYL ALCOHOL		100-51-6	
ETHYL ACETATE		141-78-6	
PHENOL		108-95-2	
Poly ( oxy ( methyl-1,2-ethanediyl ), alpha-( • • 2-aminomethylethyl )-omega-( 2-• • aminomethylethoxy )		9046-10-0	
<b>3. 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>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.			

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### 4. First Aid Measures - Continued

#### Skin

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.

#### 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:** > 40 °F > 5 °C

**Flash Point Method:** PMCC

#### 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.

#### Storage Precautions

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

#### 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

1,2-CYCLOHEXANEDIAMINE

Not Established

BENZENE-1.3-DIMETHANEAMINE

Not Established

BENZYL ALCOHOL

Not Established

ETHYL ACETATE

400 ppm

PHENOL

5 ppm

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<b>8. Exposure Controls/Personal Protection - Continued</b>		
<b>Ingredient(s) - Exposure Limits - Continued</b>		
Poly ( oxy ( methyl-1,2-ethanediyl ), alpha-( 2-aminomethylethyl )-omega-( 2- aminomethylethoxy) TWA 10 ppm		
<b>9. Physical And Chemical Properties</b>		
<b>Appearance</b>		
Amber liquid with slight ammonia odor.		
<b>Chemical Type:</b> Mixture		
<b>Physical State:</b> Liquid		
<b>Specific Gravity:</b> Heavier than water		
<b>Packing Density:</b> 8.75 lbs/gal 1.05 kg per liter		
<b>Solubility:</b> Negligible		
<b>Evaporation Rate:</b> Slower than ether		
<b>10. Stability And Reactivity</b>		
<b>Hazardous Polymerization:</b> Will not occur		
<b>Incompatible Materials</b>		
Strong oxidizing agents, mineral acids, and epoxy resins under uncontrolled situations.		
<b>Hazardous Decomposition Products</b>		
Combustion may produce carbon monoxide, carbon dioxide, and oxides of nitrogen.		
<b>11. Toxicological Information</b>		
<b>Chronic/Carcinogenicity</b>		
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).		
<b>12. Ecological Information</b>		
No Data Available...		
<b>13. Disposal Considerations</b>		
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.		
<b>14. Transport Information</b>		
No Data Available...		
<b>15. Regulatory Information</b>		
<b>SARA Section 313 Notification</b>		
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	108-95-2	3.8

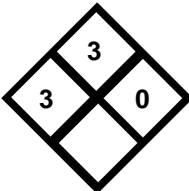
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### 15. Regulatory Information - Continued

#### 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.

<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;">3</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	3	REACTIVITY	0	PERSONAL PROTECTION	X
HEALTH	3								
FLAMMABILITY	3								
REACTIVITY	0								
PERSONAL PROTECTION	X								

### 16. Other Information

#### Revision/Preparer Information

MSDS Preparer: Nox-Crete Manufacturing Inc.

This MSDS Supersedes A Previous MSDS Dated: 07/19/2010

#### Reference Documentation

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**NOX-CRETE MANUFACTURING INC**