

MATERIAL SAFETY DATA SHEET

DYNAFLEX 502 COMPONENT A

1. Product And Company Identification	
Manufacturer NOX-CRETE MANUFACTURING INC 1444 SOUTH 20TH STREET OMAHA, NE 68108	Contact Information FAX Number: 402-341-9752 E-Mail: corporate@nox-crete.com Web Site: www.nox-crete.com
Emergency Phone Number CHEMTREC: 800-424-9300 CHEMTREC OUTSIDE OF U.S.: 703-527-3887	Manufacturer Phone Number 402-341-2080
Issue Date: 02/08/2010 Product Name: DYNAFLEX 502 COMPONENT A Chemical Family: EPOXY RESIN MSDS Number: 95 Product Code: DY502A	

2. Hazards Identification
Primary Routes(s) Of Entry Eye Contact, Ingestion, Inhalation, Skin Contact
Eye Hazards Causes eye irritation.
Skin Hazards May cause skin irritation.
Ingestion Hazards May cause mouth, throat, esophagus and stomach irritation, nausea, vomiting and diarrhea.
Inhalation Hazards May cause nose, throat, and lung irritation.
Conditions Aggravated By Overexposure Respiratory or skin infections.

3. Composition/Information On Hazardous Ingredients			
Ingredient Name	CAS Number		
BIS(2 ETHYLHEXYL)-1,4-BENZENEDICARBOXYLATE	6422-86-2		
BLOCKED ISOCYANATE PREPOLYMER	Unknown		
CALCIUM CARBONATE	1317-65-3		
CRYSTALLINE SILICA	14808-60-7		
MONOFUNCTIONAL ALIPHATIC GLYCIDYL ETHER	2461-15-6		
REACTION PRODUCTS OF EPICHLOROHYDRIN AND BISPENOL-A	25068-38-6		
TITANIUM DIOXIDE	13463-67-7		

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4. First Aid Measures

Eye

In case of contact, hold eyelids apart and immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.

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: 400 °F 200 °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.

Work/Hygienic Practices

Wash thoroughly with soap and water after handling.

8. Exposure Controls/Personal Protection

Eye/Face Protection

Safety glasses with side shields or goggles recommended.

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

BIS(2 ETHYLHEXYL)-1,4-BENZENEDICARBOXYLATE

Not Established

BLOCKED ISOCYANATE PREPOLYMER

Not Established

CALCIUM CARBONATE

2 mg/m3 as dust

CRYSTALLINE SILICA

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8. Exposure Controls/Personal Protection - Continued

Ingredient(s) - Exposure Limits - Continued

10 mg/ m3 as dust
MONOFUNCTIONAL ALIPHATIC GLYCIDYL ETHER
Not Established
REACTION PRODUCTS OF EPICHLOROHYDRIN AND BISPHENOL-A
Not Established
TITANIUM DIOXIDE
10 mg/m3 as dust

9. Physical And Chemical Properties

Appearance

Viscous liquid with slight organic odor.

Chemical Type: Mixture

Physical State: Liquid

Boiling Point: > 400 °F >205 °C

Specific Gravity: Heavier than water

Packing Density: 12.9 lbs/gal 1.55 kg per liter

Solubility: Negligible

Evaporation Rate: Slower than ether

10. Stability And Reactivity

Hazardous Polymerization: Will not occur

Incompatible Materials

Strong oxidizing agents, mineral acids, and epoxy curing agents under uncontrolled situations.

Hazardous Decomposition Products

Combustion may produce carbon monoxide, carbon dioxide, toluene diisocyanate, aldehydes, and other organic substances.

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...

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15. Regulatory Information

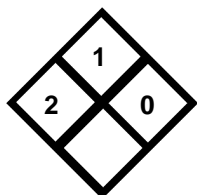
SARA Section 313 Notification

This product does not contain any ingredients in concentrations at or above de minimis levels that are listed as toxic chemicals 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.

NFPA



HMIS

HEALTH	2
FLAMMABILITY	1
REACTIVITY	0
PERSONAL PROTECTION	X

16. Other Information

Revision/Preparer Information

MSDS Preparer: David MacFarlane

This MSDS Supersedes A Previous MSDS Dated: 04/10/2007

Reference Documentation

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