

MATERIAL SAFETY DATA SHEET

DURO-NOX

1. Product And Company Identification

Manufacturer

NOX-CRETE MANUFACTURING INC.
1444 SOUTH 20TH STREET
OMAHA, NE 68108

Contact Information

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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: 04/04/2007

Product Name: DURO-NOX

CAS Number: Not Established

Chemical Family: INORGANIC SILICATE

MSDS Number: 60

Product Code: DN

2. Information On Hazardous Ingredients

Ingredient Name	CAS Number		
Aqueous solution of inorganic silicate	1344-09-8		

3. Hazards Identification

Primary Routes(s) Of Entry

Eye Contact, Ingestion, Inhalation, Skin Contact

Eye Hazards

May cause eye irritation.

Skin Hazards

May cause skin irritation.

Ingestion Hazards

Ingestion may cause severe irritation and possible tissue destruction to mucous membranes of the mouth, throat, esophagus and stomach.

Inhalation Hazards

May cause respiratory tract irritation.

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.

MATERIAL SAFETY DATA SHEET

DURO-NOX

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: 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.

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

Clear, colorless liquid with little or no odor.

Chemical Type: Mixture

Physical State: Liquid

Boiling Point: 212 °F

Specific Gravity: Heavier than water

MATERIAL SAFETY DATA SHEET

DURO-NOX

9. Physical And Chemical Properties - Continued

Appearance - Continued

Packing Density: 9.5 lbs per gallon

Solubility: Soluble

Evaporation Rate: Slower than ether

Flash Point: Non-flammable

10. Stability And Reactivity

Stability: Stable

Hazardous Polymerization: Will not occur

Incompatible Materials

Gels when mixed with acid. Flammable hydrogen gas may be produced on prolonged contact with metals such as aluminum, tin, lead, and zinc.

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 curing compound

Freight Class

Class 55

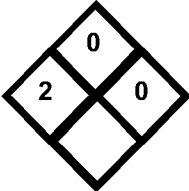
15. Regulatory Information

SARA Section 313 Notification

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

MATERIAL SAFETY DATA SHEET

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	<table border="1"><tr><td>HEALTH</td><td style="text-align: center;">2</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	2	FLAMMABILITY	0	REACTIVITY	0	PERSONAL PROTECTION	X
HEALTH	2								
FLAMMABILITY	0								
REACTIVITY	0								
PERSONAL PROTECTION	X								

16. Other Information

Revision/Preparer Information

MSDS Preparer: David MacFarlane

This MSDS Supercedes A Previous MSDS Dated: 04/08/2004

Reference Documentation

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NOX-CRETE MANUFACTURING INC.