

**Section 1. Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier**

|                     |          |
|---------------------|----------|
| <b>Product Form</b> | Mixture  |
| <b>Trade Name</b>   | DURO-NOX |
| <b>Product Code</b> | DN       |

**1.2 Relevant identified uses of the substance or mixture and uses advised against**

**Use** Industrial. For professional use only.

**1.2.2 Uses Advised Against**

No additional information available

**1.3 Details of the supplier of the safety data sheet**

| <b>Manufacturer</b> | <b>Supplier</b> |
|---------------------|-----------------|
|---------------------|-----------------|

NOX-CRETE MANUFACTURING INC  
1444 SOUTH 20<sup>TH</sup> STREET  
OMAHA, NE 68108  
Tel: 402-341-2080  
Fax: 402-341-9752  
E-Mail: [corporate@nox-crete.com](mailto:corporate@nox-crete.com)  
Web Site: [www.nox-crete.com](http://www.nox-crete.com)

**1.4 Emergency telephone number**

|                         |  |
|-------------------------|--|
| <b>Emergency Number</b> | Chemtrec (800) 424-9300<br>Chemtrec Outside of U.S. 703-527-3887 |
|-------------------------|--|

**Section 2. Hazards identification****2.1 Classification of the substance or mixture**

**Classification according to Regulations 29CFR 1910.1200 , (EC) No. 1272/2008(CLP)(GHS)**

|               |      |
|---------------|------|
| Skin Irrit. 2 | H315 |
| Eye Irrit. 2  | H319 |

**Full text of H phrases see section 16**

**Adverse physiochemical, human health and environmental effects**

No additional information available

**2.2 Label elements**

Hazard pictograms



Signal word  
Hazard statements

**Warning**  
H315 – Causes skin irritation  
H319 – Causes serious eye irritation

Precautionary statements

P264 - Wash... thoroughly after handling  
P280 - Wear protective gloves/eye protection  
P302+P352 – IF ON SKIN: Wash with plenty of soap and water  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing  
P332+P313 - If skin irritation occurs: Get medical advice/attention  
P337+P313 - If eye irritation persists: Get medical advice/attention  
P362 - Take off contaminated clothing and wash before reuse

### 2.3 Other hazards

None known

Full text of R, H and EUH phrases: see section 16

## Section 3. Composition / information on ingredients

### 3.1 Substances

Not applicable

### 3.2 Mixture

| Name               | Product identifier | %            |
|--------------------|--------------------|--------------|
| Inorganic Silicate | Trade Secret       | Trade Secret |

Pursuant to 29CFR 1910.1200(i) the specific chemical identity (and / or) concentration is being withheld as Trade Secret, while all health and safety properties and effects are included in the SDS.

## Section 4. First aid measures

### 4.1 Description of first aid measures

#### First-aid measures general

Get medical advice/attention if you feel unwell. Never give anything by mouth to an unconscious person.

#### First-aid measures after inhalation

If the individual experiences nausea, dizziness, has difficulty In breathing seek a healthcare professional immediately. In all cases of doubt, or when symptoms persist, seek medical advice. Remove to fresh air and keep at rest in a position comfortable for breathing. Immediately call a Poison Center or doctor/physician.

#### First-aid measures after skin contact

If skin irritation persists, seek medical attention. Remove or take off immediately all contaminated clothing. Rinse skin with water or shower. Wash off immediately with soap and plenty of water.

#### First-aid measure after eye contact

When contact lenses are worn, remove if possible. In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes while holding eyelids apart. Get medical attention immediately.

#### First-aid measures after ingestion

Rinse mouth. DO NOT induce vomiting. Get medical attention immediately.

### 4.2 Most important symptoms and effects, acute and delayed

#### Symptoms/injuries after inhalation

May cause irritation to the respiratory tract. Overexposure to vapors may result in headache, nausea, drowsiness or dizziness.

#### Symptoms/injuries after skin contact

May cause skin irritation or burning sensation

#### Symptoms/injuries after eye contact

May cause eye irritation or injury

#### Symptoms/injuries after ingestion

May cause severe irritation or burns to the mucous membrane of the mouth, throat, esophagus and stomach

### 4.3 Indication of any immediate medical attention and special treatment needed

No additional information available

## Section 5. Firefighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

|  |  |
|--|--|
| Unsuitable extinguishing media                                   | Dry chemical, foam carbon dioxide<br>Do not use heavy water stream   |
| <b>5.2 Special hazards arising from the substance or mixture</b> |  |
| Reactivity   | Thermal decomposition products may cause a health hazard.  |
| <b>5.3 Advice for firefighters</b>                               |  |
| Firefighting instructions  | Use water spray or fog to cool exposed containers.   |
| Protective equipment for firefighters                            | Firefighters should wear self-contained breathing apparatus (SCBA) and full protective gear when fighting any chemical fire. |
| Other information  | On heating or burning harmful gasses/vapors may be released.<br>This product may cause the floor to become slippery.         |

**Section 6. Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures**

**General measures** Dike or impound spilled material. Take proper precautions to ensure your own health and safety before attempting spill control or cleanup

**6.11 Protective Equipment** Equip cleanup crew with proper protective equipment.

**6.2 Environmental precautions** Prevent entry to sewers and public waters.  
Notify authorities if liquid enters sewers or public waters.

**6.3 Methods and materials for containment and cleaning up**

**Methods for cleaning up** Soak up spills with inert solids, such as clay or diatomaceous earth.  
Collect into vapor tight containers and dispose of properly.

**Section 7. Handling and storage****7.1 Precautions for safe handling**

**Protective measures** Wash hands and other exposed areas with soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in work areas to prevent formation of vapor. When not in use keep containers tightly closed. Avoid breathing vapor or mist.  
**Hygiene measures** Wash contaminated clothing before reuse.

**7.2 Conditions for safe storage, including any incompatibilities**

**Storage conditions** Store in accordance with local regulations. Store in original container in a cool well ventilated place. Keep containers tightly closed until ready for use. Keep from freezing.

**Incompatible materials** Acids, prolonged contact with aluminum, brass, bronze, copper, lead, tin, zinc or other alkali sensitive metals or alloys

**Storage temperature** Prevent exposure to freezing temperatures.

**Section 8. Exposure controls/personal protection****8.1 Control parameters****Occupational exposure limits**

| Ingredient name    | Occupational exposure limits<br>ACGIH TLV (United States, 2/2010) |
|--------------------|---|
| Inorganic Silicate | Not Established   |

**8.2 Exposure controls**

**Appropriate engineering controls** Use with adequate ventilation to keep product vapor concentrations below specified TLV

**Eye and 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. Wash exposed skin

**Respiratory protection** frequently with soap and water. Soiled clothing should be laundered before reuse.  
General room ventilation is normally adequate. Avoid breathing the product mist or vapors. The use of an appropriate respirator is recommended whenever the airborne concentrations exceed the TLV.

## Section 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

|   |                                      |
|---|--------------------------------------|
| Appearance                                  | Clear liquid                         |
| Odor  | Odorless                             |
| Odor Threshold                              | No data available                    |
| PH  | No data available                    |
| Melting point                               | No data available                    |
| Freezing point                              | No data available                    |
| Boiling point                               | 100 C (212 F)                        |
| Flash point                                 | Not applicable                       |
| Relative evaporation rate (butyl acetate=1) | No data available                    |
| Flammability (solid, gas)                   | No data available                    |
| Upper/lower explosive limits                | No data available                    |
| Vapor pressure                              | No data available                    |
| Vapor density                               | No data available                    |
| Relative density (Specific gravity)         | 1.14 Kg per Liter 9.5 Lbs per Gallon |
| Solubility                                  | Water: Complete                      |
| Partition coefficient n-octanol/water       | No data available                    |
| Auto-ignition temperature                   | Not applicable                       |
| Viscosity                                   | No data available                    |
| VOC content                                 | No data available                    |

## Section 10. Stability and reactivity

|  |   |
|--|---|
| <u>10.1 Reactivity</u>                         | No additional information available   |
| <u>10.2 Chemical stability</u>                 | Stable under normal conditions  |
| <u>10.3 Possibility of hazardous reactions</u> | Hazardous polymerization will not occur.  |
| <u>10.4 Conditions to avoid</u>                | Extreme high or low temperatures. <b>Avoid freezing</b>   |
| <u>10.5 Incompatible materials</u>             | Acids, prolonged contact with aluminum, brass, bronze, copper, lead, tin, zinc or other alkali sensitive metals or alloys |
| <u>10.6 Hazardous decomposition products</u>   | Carbon Monoxide, Carbon Dioxide   |

## Section 11. Toxicology information

### 11.1 Information on toxicological effects

|                                   |  |
|-----------------------------------|--|
| Acute toxicity                    | No adverse effects expected under intended use.  |
| Irritation/Corrosion              | May cause skin irritation  |
| Skin                              |  |
| Eyes                              | May cause serious eye irritation and damage.   |
| Respiration or skin sensitization | May cause respiratory irritation   |
| Germ cell mutagenicity            | Not classified   |
| 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) |
| Reproductive toxicity             | Not classified   |
| Specific target organ toxicity    |  |
| Single exposure                   | Not classified   |
| Repeated exposure                 | Not classified   |

Aspiration hazard Not classified

**Section 12. Ecological information**

|   |                                     |
|---|-------------------------------------|
| <b>12.1 Ecotoxicity</b>                   | Not established                     |
| <b>12.2 Persistence and degradability</b> | Not established                     |
| <b>12.3 Bioaccumulative potential</b>     | Not established                     |
| <b>12.4 Mobility in soil</b>              | No additional information available |
| <b>12.5 Other adverse effects</b>         | Avoid release to the environment    |

**SECTION 13. Disposal Considerations**

|                                     |  |
|-------------------------------------|--|
| <b>13.1 Waste treatment methods</b> | 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. |
|-------------------------------------|--|

**SECTION 14. Transport information**

In accordance with ADR / RID / ADNR / IMDG / ICAO / IATA

|  |  |
|--|--|
| <b>14.1 UN number</b>  | Not dangerous goods in sense of transport regulations. |
| <b>14.2 UN proper shipping name</b>  | Concrete Curing Compound                               |
| <b>14.3 Transport hazard class(es)</b>   | Not applicable   |
| <b>14.4 Packing group</b>  | Not applicable   |
| <b>14.5 Environmental hazards</b>  | No additional information available                    |
| <b>14.6 Special precautions for user</b>   |  |
| <b>14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b> | No additional information available                    |
| <b>14.8 Transport in bulk according to CFR 49 173.15</b>                             | Not applicable   |

**SECTION 15. Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****15.1.2 USA Regulations**

Section 313

TSCA

Proposition 65

Contains no ingredients at or above the De Minimus reporting level  
All ingredients are listed or exempted  
None of the ingredients is listed**15.1.3 Canada Regulations**

This SDS has been prepared according to the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by the CPR.

DSL

All ingredients are listed or exempted

WHMIS

Class D-2

**15.2 Chemical safety assessment**

A Chemical Safety Assessment has not been carried out.

**Section 16. Other information**

|                        |                              |
|------------------------|------------------------------|
| Date of issue          | 1-14-2015                    |
| Version                | 2.1                          |
| Number                 | 217                          |
| Date of previous issue | 04-01-2014                   |
| Preparer               | Nox-Crete Manufacturing Inc. |

**Reference Documentation**

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**Full text of R, H and EUH phrases**

|               |   |
|---------------|---|
| Eye Irrit. 2  | Serious eye damage / eye irritation, Category 2 |
| Skin Irrit. 2 | Skin corrosion / irritation Category 2          |
| H315          | Causes skin irritation                          |
| H319          | Causes serious eye irritation                   |

P264 - Wash... thoroughly after handling

P280 - Wear protective gloves/eye protection

P302+P352 – IF ON SKIN: Wash with plenty of soap and water

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

P332+P313 - If skin irritation occurs: Get medical advice/attention

P337+P313 - If eye irritation persists: Get medical advice/attention

P362 - Take off contaminated clothing and wash before reuse