

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

| | |
|--------------|------------------------------|
| Product Form | Mixture |
| Trade Name | DAUERCAST DQ TOP COMPONENT A |
| Product Code | DCDQTA |

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

| Manufacturer | Supplier |
|--|----------|
| NOX-CRETE MANUFACTURING INC 1444 SOUTH 20 TH STREET OMAHA, NE 68108 Tel: 402-341-2080 Fax: 402-341-9752 E-Mail: corporate@nox-crete.com Web Site: www.nox-crete.com | |

1.4 Emergency telephone number

| | |
|------------------|--|
| Emergency Number | Chemtrec (800) 424-9300 Chemtrec Outside of U.S. 703-527-3887 |
|------------------|--|

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

| | |
|-----------------------|------|
| Skin Irrit. 2 | H315 |
| Skin Sens. 1 | H317 |
| Eye Irrit. 2 | H319 |
| STOT SE 3 Resp Irrit. | H335 |

Full text of H phrases see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2 Label elements

Hazard pictograms



Signal word Warning

Hazard statementsH315 – Causes skin irritation
H317 - May cause an allergic skin reaction
H319 – Causes serious eye irritation
H335 - May cause respiratory irritation**Precautionary statements**

| | |
|--------------------|--|
| Prevention: | <p>P261 - Avoid breathing dust/fume/gas/mist/vapors/spray P264 - Wash exposed area's thoroughly after handling. P271 - Use only outdoors or in a well-ventilated area. P272 - Contaminated work clothing should not be allowed out of the workplace. P280 - Wear protective gloves/eye protection</p> |
| Response: | <p>P302+P352 – IF ON SKIN: Wash with plenty of soap and water P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so continue rinsing P312 - Call a POISON CENTER or doctor/physician if you feel unwell. P333+P313 - If skin irritation or rash occurs: Get medical advice/attention P337+P313 - If eye irritation persists: Get medical advice/attention P362 - Take off contaminated clothing and wash before reuse. P403+P233 - Store in a well ventilated place. Keep container tightly closed. P405 - Store locked up. P501 - Dispose of contents/container in accordance with local/regional/national/international regulations.</p> |
| Storage: | |
| Disposal: | |

2.3 Other hazards None known

Full text of H and P phrases: see section 16

Section 3. Composition / information on ingredients

3.1 Substances

Not applicable

3.2 Mixture

| Name | Product identifier | % |
|-------------|--------------------|--------------|
| Epoxy resin | 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 Dry chemical, foam, carbon dioxide

Unsuitable extinguishing media Do not use heavy water stream

5.2 Special hazards arising from the substance or mixture

Reactivity Thermal decomposition products may cause a health hazard.

5.3 Advice for firefighters

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. 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.

Incompatible materials
Storage temperature

Strong oxidizing agents, strong acids and aliphatic amines.
Prevent exposure to freezing temperatures.

Section 8. Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits

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 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 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

260 C (500 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: Negligible

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

10.1 Reactivity

No additional information available

10.2 Chemical stability

Stable under normal conditions

10.3 Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.4 Conditions to avoid

Extreme high or low temperatures. Avoid freezing

10.5 Incompatible materials

Strong acids, strong oxidizing agents and aliphatic amines under uncontrolled situations.

10.6 Hazardous decomposition products

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 | Skin | May cause skin irritation |
| | 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

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

SECTION 13. Disposal Considerations

| | |
|--|--|
| <u>13.1 Waste treatment methods</u> | 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

| | |
|---|--|
| <u>14.1 UN number</u> | Not dangerous goods in sense of transport regulations. |
| <u>14.2 UN proper shipping name</u> | Not applicable |
| <u>14.3 Transport hazard class(es)</u> | Not applicable |
| <u>14.4 Packing group</u> | Not applicable |
| <u>14.5 Environmental hazards</u> | No additional information available |
| <u>14.6 Special precautions for user</u> | |
| <u>14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</u> | No additional information available |
| <u>14.8 Transport in bulk according to CFR 49 173.15</u> | 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
This product contains one or more chemicals known to the State of California to cause cancer and/or reproductive toxicity.



chemical solutions
to concrete problems

DAUERCAST DQ TOP COMPONENT A Safety Data Sheet

According to Regulation 29 CFR 1910.1200, Regulation (EC) No. 1272/2008 (CLP)(GHS), *Hazardous Products Regulation* (HPR) (WHMIS 2015)

15.1.3 Canada Regulations

This SDS has been prepared according to the hazard criteria of the *Hazardous Products Regulation* (HPR) (WHMIS 2015) and the SDS contains all of the information required by the HPR.

DSL

15.2 Chemical safety assessment

All ingredients are listed or exempted
A Chemical Safety Assessment has not been carried out.

Section 16. Other information

| | |
|-------------------------|------------------------------|
| Date of issue | 1-4-2019 |
| Version | 2.0 |
| Number | 902 |
| Date of previous issue | |
| Preparer | Nox-Crete Manufacturing Inc. |
| Reference Documentation | |

The information and recommendations contained herein are, to the best of Nox-Crete Manufacturing's knowledge and belief, accurate and reliable as of the date issued. You can contact Nox-Crete Manufacturing to insure that this document is the most current available from Nox-Crete Manufacturing. The information and recommendations are offered for the buyer's/user's consideration and examination. It is the buyer's/user's responsibility to satisfy themselves that the product is suitable for the intended use. Appropriate warnings and safe-handling procedures should be provided to all handlers and users. Since conditions for use of the product are not under the control of the manufacturer, it is the buyer's/user's duty to determine the conditions necessary for the safe use of this product. Since the information provided herein 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/user may rely thereon only at their 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 buyer/user of the product mentioned herein to determine and comply with the requirements of all applicable statutes. If buyer/user repackages this product, it is the buyer's/user's responsibility to insure proper health, safety and other necessary information is included with and/or on the container. Nox-Crete Manufacturing urges each customer or recipient of this SDS to study it carefully and consult appropriate expertise, as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards associated with this product. Alteration of this document is strictly prohibited. Except to the extent required by law, re-publication or retransmission of this document, in whole or in part is not permitted.

Full text of H and P phrases

| | |
|-----------------------|------|
| Skin Irrit. 2 | H315 |
| Skin Sens. 1 | H317 |
| Eye Irrit. 2 | H319 |
| STOT SE 3 Resp Irrit. | H335 |

H315 - Causes skin irritation

H317 - May cause an allergic skin reaction

H319 - Causes serious eye irritation

H335 - May cause respiratory irritation

P261 - Avoid breathing dust/fume/gas/mist/vapors/spray

P264 - Wash exposed areas thoroughly after handling.

P271 - Use only outdoors or in a well-ventilated area.

P272 - Contaminated work clothing should not be allowed out of the workplace.

P280 - Wear protective gloves/protective clothing/eye protection/face protection

P302+P352 - If on skin: Wash with plenty of soap and water.

P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

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

P312 - Call a POISON CENTER or doctor/physician if you feel unwell.

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention

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

P362 - Take off contaminated clothing and wash it before reuse.

P403+P233 - Store in a well ventilated place. Keep container tightly closed.

P405 - Store locked up.

P501 - Dispose of contents/container in accordance with local/regional/national/international regulations.