chemical solutions to concrete problems

NOX-CARB TEXTURE Safety Data Sheet

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

Section 1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product Form	Substance
Trade Name	NOX-CARB TEXTURE
Product Code	NTX

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, INC
1444 SOUTH 20TH 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

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

Combustible dust
Not a hazardous substance or mixture

Adverse physiochemical, human health and environmental effects

No additional information available

2.2 Label elements

WARNING- May form combustible dust concentrations in the air

2.3 Other hazards

Static charges on the powder may ignite flammable atmospheres. High levels of product dust in the atmosphere may present a dust explosion hazard.
HMIS CODES: H = 1, F = 1, R = 0, P = E

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: Treat powder as a nuisance dust. Keep dust level below 5mg/m3 for respirable fraction and 10mg/m3 for total dust (ACGIH/TWA). OSHA PEL 5mg/m3. Exposure may cause dizziness, headache, respiratory irritation or unconsciousness.

EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE: Particulates may cause mechanical eye irritation. Flush eyes with copious amounts of water for at least 15 minutes.

SKIN CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE: Negligible dermal irritant. Exposure may lead to itching, scaling, drying and irritation of skin.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: Generally, non-toxic unless large quantities are ingested.

HEALTH HAZARDS (ACUTE & CHRONIC): ACUTE EFFECTS: High concentrations of polymer fumes may cause eye, nose and respiratory irritation, dizziness or unconsciousness.
CHRONIC EFFECTS: Repeated skin contact can lead to drying, defatting, itching, stinging and irritation.
N.T.P. CARCINOGEN: No
I.A.R.C. CARCINOGEN: No
OSHA REGULATED: No
MEDICAL CONDITIONS GENERALLY AGGREVATED BY EXPOSURE: May irritate people with skin problems, asthma and lung diseases. Susceptible individuals may have an allergic reaction.

Section 3. Composition / information on ingredients

3.1 Substances

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

This product contains no hazardous ingredients when evaluated by criteria established in the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Section 4. First aid measures

4.1 Description of first aid measures

First-aid measures general	No special measures required
First-aid measures after inhalation	Supply fresh air: consult doctor in case of complaints. Provide oxygen if affected person has difficulty breathing
First-aid measures after skin contact	Brush off loose particles from skin. Wash off immediately with soap and plenty of water. If skin irritation persists, seek medical attention.
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 if symptoms persist.
First-aid measures after ingestion	Not a normal or expected route of introduction. If large quantities are ingested- IMMEDIATE MEDICAL ATTENTION IS NECESSARY. Do not give anything to an unconscious person.

4.2 Most important symptoms and effects, acute and delayed

Symptoms/injuries after inhalation	May cause irritation to the respiratory tract.
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	Nausea, may cause severe irritation 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	Carbon Dioxide, dry chemical or fine water spray. Avoid water stream on molten burning material as it may scatter and spread the fire.
Unsuitable extinguishing media	

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	Wear self-contained breathing apparatus and protective clothing approved by NIOSH. Watch footing on floors and stairs because of possible melting and spreading of material. Use spray to keep containers cool.
Protective equipment for firefighters	Firefighters should wear self-contained breathing apparatus (SCBA) and full protective gear when fighting any chemical fire.
Other information	Flash point > 530F 227 C. Melts in proximity to fires, causing slippery floors and stairs. When powder is suspended in air, these products could be FLAMMABLE/EXPLOSIVE. In these circumstances, keep away from heat, sparks and open flames. Static charges on powders or powders in liquids may ignite flammable atmospheres.

Section 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

General measures	Wear recommended personal protective equipment. Remove ignition sources. Sweep up with a minimum of dusting. Keep away from heat or flame. Collect in containers (e.g. fiberboard drums or cartons). If hot liquid, attempt to confine spill and let the polymer solidify. Once solid, it may be recovered as the powder. Report major leaks and spills to the appropriate local, state and federal government agencies.
6.11 Protective Equipment	Equip cleanup crew with proper protective equipment.
6.2 Environmental precautions	Prevent entry to sewers and public waters.

6.3 Methods and materials for containment and cleaning up

Methods for cleaning up	Pick up mechanically.

Section 7. Handling and storage

7.1 Precautions for safe handling

Protective measures	Prevent formation of dust
Hygiene measures	Wash contaminated clothing before reuse.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions	Store in accordance with local regulations. (Always wear recommended personal protective equipment.) Avoid breathing fumes from heating operations. Avoid spillage which can cause very slippery conditions on floors. Use good personal hygiene and housekeeping. Electrostatic charges of non-conductive materials is a natural phenomenon ranging from harmless to a nuisance to a hazard, depending on the degree of charging and the environment where the discharge takes place. In the case of micronized polymers and waxes, very high levels of static electricity develop in their manufacture, transportation and handling. These products, being poor conductors of electricity, can and will hold a static charge for long periods of time. With this in mind, a great deal of care should be exercised when handling this type of product in or around flammable liquids, particularly if the liquid is at or near its flashpoint. The generation of static electricity cannot be prevented

because its intrinsic origins are present at every particle interface. Some common sense approaches to the hazards involved with static electricity are as follows: - Use only conductive equipment and keep all components grounded and bonded to the same vessel in order to equalize any potential charge. - Avoid projections and probes that could lead to discharge between the charged polymer and probe. - Avoid a flammable condition by the use of inert gases in the container or by providing sufficient exhaust so as to prevent a buildup of flammable solvent vapors. - Never pour micronized polymers or waxes from a drum or large container directly into hot flammable solvents. - Add micronized polymers or waxes slowly and in small quantities to hot flammable solvents. - Do not permit the product to free fall directly into the solvent. Use a pipe or chute that leads down to the level of the solvent. Make sure the pipe or chute is grounded and bonded. - If mechanical equipment must be used, a slow-turning screw feeder that is grounded and is preferred. - Good housekeeping is of prime importance. The building and equipment should be designed to eliminate shelves and ledges and similar places where materials can accumulate. The above are only suggestions and should not be taken as recommended practices in your establishment and in no way should be considered as comprehensive engineering controls. A more detailed discussion and recommended practices can be found in NFPA 77 issued by the National Fire Protection Association Inc. in 1988. STORAGE RECOMMENDATIONS: Avoid excessive heat. Do not store near strong oxidizing agents and amines.

Incompatible materials None known

Storage temperature

Section 8. Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits Powdered forms may generate nuisance particulates upon handling. ACGIH TLV = 10mg/m3. OSHA PEL 5mg/m3.

8.2 Exposure controls

Appropriate engineering controls Adequate ventilation during heating processes or if dusty conditions prevail when handling powdered materials. For storage and ordinary handling, general ventilation is adequate.

Eye and face protection Avoid contact with the eyes Chemical goggles around molten material and in dusty conditions.

Skin protection Use heat resistant, impervious gloves to avoid repeated/prolonged skin contact with molten material and powder. Other protective garments as necessary. Wear gloves for the protection against mechanical hazards

Respiratory protection Use a NIOSH approved dust respirator with powdered wax. During melting or conveying in molten state, use organic vapor respirator.

Section 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance White powder

Odor Typical Wax Odor

Odor Threshold No data available

PH No data available

Melting point 334.4 F (168C)

Freezing point	No data available
Boiling point	No data available
Flash point	>530 F (277C)
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 at 20 C	No data available
Relative density (Specific gravity)	0.90 g/cc
Solubility	NIL
Partition coefficient n-octanol/water	No data available
Auto-ignition temperature	Not applicable
Viscosity	No data available
VOC content	Zero

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 heat, sparks and open flame.
10.5 Incompatible materials	Strong oxidizing agents and amines.
10.6 Hazardous decomposition products	These products may emit oxides of carbon and nitrogen.

Section 11. Toxicology information

11.1 Information on toxicological effects

Acute toxicity	No data developed.
Irritation/Corrosion Skin	No data developed. None expected.
Eyes	No data developed. Treat as nuisance dust.
Respiration or skin sensitization	No data developed. Treat as nuisance dust.
Germ cell mutagenicity	No data available
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	No data available
Specific target organ toxicity	
Single exposure	No data available
Repeated exposure	No data available
Aspiration hazard	No data available

Section 12. Ecological information

12.1 Ecotoxicity	No data available
12.2 Persistence and degradability	No data available.
12.3 Bioaccumulative potential	No data available
12.4 Mobility in soil	No data available
12.5 Other adverse effects	Avoid release to the environment

SECTION 13. Disposal Considerations

13.1 Waste treatment methods	Assume conformity with applicable disposal regulations. Preferred method of disposal is in closed containers of sufficient strength to

eliminate leakage at approved incineration or chemical landfill waste disposal site in accordance with local regulations. Sewage disposal is discouraged. RCRA: Is the unused product a RCRA hazardous waste if discarded? No. The information offered here is for the product as shipped. Use and/or alterations to the product such as mixing with other materials may significantly change the characteristics of the material and alter the RCRA classification and the proper disposal method.

SECTION 14. Transport information

In accordance with US DOT Not dangerous goods in sense of transport regulations.

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

14.1 UN number Not dangerous goods in sense of transport regulations.

14.2 UN proper shipping name

14.3 Transport hazard class(es) Not applicable

14.4 Packing group Not applicable

14.5 Environmental hazards No additional information available

14.6 Special precautions for user

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code No additional information available

14.8 Transport in bulk according to CFR 49 173.15 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 Contains no ingredients at or above the De Minimus reporting level

TSCA All ingredients are listed or exempted

Proposition 65 Not regulated.

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

15.2 Chemical safety assessment A Chemical Safety Assessment has not been carried out.

Section 16. Other information

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Reference Documentation	

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