

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

Product Form	Mixture
Trade Name	Monofilm, Monofilm R
Product Code	MF, MFR

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

Use	Industrial. For professional use only.
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1.2.2 Uses Advised Against

No additional information available

1.3 Details of the supplier of the safety data sheet

Manufacturer	Supplier
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NOX-CRETE MANUFACTURING 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
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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
Acute Tox. 4	H302
STOT SE 3	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

GHS Physical Hazard Pictogram	GHS Health Hazard Pictogram	GHS Environmental Hazard Pictogram
Not Applicable		Not Applicable
	Irritant	

Signal word

Warning

Hazard statements

H302 - Harmful if swallowed
H315 – Causes skin irritation
H319 – Causes serious eye irritation
H335 - May cause respiratory irritation

Precautionary statements

P280 – Wear eye protection, protective clothing, protective gloves
P302+P352 – IF ON SKIN: Wash with plenty of soap and water

2.3 Other hazards

HMIS - ratings (scale 0-4)

Health	1
Flammability	0
Reactivity	0
Personal Protection	X

Section 3. Composition / information on ingredients

3.1 Substances

Not applicable

3.2 Mixture

Name	Product identifier	%	Classification according to Regulations 29 CFR 1910.1200 (EC) No.1272/2008(CLP)(GHS)
Methyl 4-hydroxybenzoate	CAS # 99-76-3	0.3	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT 3, H335
Propyl 4-hydroxybenzoate	CAS # 94-13-3	0.3	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT 3, H335
1,3-bis(hydroxymethyl)5-dimethylimidazolidine-2,4-dione	CAS # 6440-58-0	0.3	Acute Tox. 4, H302

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

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.
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 For non-emergency personnel**Emergency procedures**

Evacuate unnecessary personnel.

6.12 For emergency responders**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.
Wash contaminated clothing before reuse.

Hygiene measures**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

Strong acids and bases. Strong oxidizing agents.

Storage temperature

Prevent exposure to freezing temperatures.

7.3 Specific end uses

No additional information available

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

Ingredient name	Occupational exposure limits ACGIH TLV (United States, 2/2010)
Methyl 4-hydroxybenzoate	Not Established
Propyl 4-hydroxybenzoate	Not Established
1,3-bis(hydroxymethyl)5-dimethylimidazolidine-2,4-dione	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	Yellow 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)	1.0 Kg per Liter 8.34 Lbs per Gallon
Solubility	Water: Complete
Partition coefficient n-octanol/water	No data available
Auto-ignition temperature	Not applicable
Decomposition temperature	No data available
Viscosity	No data available
Explosive properties	Not applicable
Oxidizing properties	Not applicable

9.2 Other information**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	
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	May cause skin irritation
Skin	May cause serious eye irritation and damage.
Eyes	May cause respiratory irritation
Respiration or skin sensitization	Not classified
Germ cell mutagenicity	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)
Carcinogenicity	Not classified
Reproductive toxicity	Not classified
Specific target organ toxicity	
Single exposure	Not classified
Repeated exposure	Not classified
Aspiration hazard	Not classified

Section 12. Ecological information

12.1 Toxicity	Not established
12.2 Persistence and degradability	Not established
12.3 Bioaccumulative potential	Not established
12.4 Mobility in soil	No additional information available
12.5 Results of PBT and vPvB assessment	No additional information available
12.6 Other adverse effects	Avoid release to the environment

SECTION 13. Disposal Considerations

13.1 Waste treatment methods	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.
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SECTION 14. Transport information

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	Concrete Curing Compound
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	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**

None of the ingredients is listed

TSCA

All ingredients are listed

Proposition 65

None of the ingredients is listed

Carcinogenic Categories**EPA**

None of the ingredients is listed

IARC

None of the ingredients is listed

TLV (ACGIH)

None of the ingredients is listed

NIOSH

None of the ingredients is listed

OSHA

None of the ingredients is listed

15.1.3 Canada Regulations**DSL**

All ingredients are listed

WHMIS

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.

15.2 Chemical safety assessment

A Chemical Safety Assessment has not been carried out.

Section 16. Other information

Date of issue

3-12-2014

Version

2.0

Number

714

Date of previous issue

03-20-2012

Preparer

Nox-Crete Manufacturing Inc.

Reference Documentation

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Full text of H and EUH phrases

Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Eye Irrit. 2	Serious eye damage / eye irritation, Category 2
Skin Irrit. 2	Skin corrosion / irritation Category 2

**MONOFILM
MONOFILM R****Safety Data Sheet**According to Regulation 29 CFR 1910.1200
Regulation (EC) No. 1272/2008 (CLP)(GHS)

STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H302	Harmful if swallowed
H315	Causes skin irritation
H319	Causes serious eye irritation
H335	May cause respiratory irritation
P280	Wear eye protection, protective clothing and protective gloves
P302+P352	IF ON SKIN: Wash with plenty of soap and water