

MATERIAL SAFETY DATA SHEET

FORMGARD TJ 450

1. Product And Company Identification			
Manufacturer NOX-CRETE MANUFACTURING INC 1444 SOUTH 20TH STREET OMAHA, NE 68108		Contact Information FAX Number: 402-341-9752 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: 05/23/2011 Product Name: FORMGARD TJ 450 Chemical Family: FATTY ESTERS AND SOAPS MSDS Number: 663 Product Code: TJ450			
2. 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 Aspiration hazard if swallowed. Can enter lungs and cause damage.			
Inhalation Hazards May be harmful if inhaled.			
3. Composition/Information On Hazardous Ingredients			
Ingredient Name		CAS Number	
MEDIUM ALIPHATIC SOLVENT NAPHTHA		64742-88-7	
N-METHYL-2-PYRROLIDONE		872-50-4	
SEVERELY HYDROTREATED PETROLEUM DISTILLATE		64742-52-5	
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 if irritation develops and persists.			
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

FORMGARD TJ 450

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: > 100 °F > 38 °C

Flash Point Method: PMCC

Extinguishing Media

Use CO2 (Carbon Dioxide), dry chemical, or foam.

Fire Fighting Instructions

Firefighters should wear self-contained breathing apparatus and full protective gear. Water can be used to cool and protect exposed material. Avoid spreading burning liquid with water used for cooling purposes.

6. Accidental Release Measures

Eliminate any ignition source. 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.

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

Wear gloves and appropriate protective clothing 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. The use of a NIOSH approved respirator is recommended whenever the airborne concentrations exceed the TLV.

Ingredient(s) - Exposure Limits

MEDIUM ALIPHATIC SOLVENT NAPHTHA

10 PPM

N-METHYL-2-PYRROLIDONE

N/A

SEVERELY HYDROTREATED PETROLEUM DISTILLATE

5 mg/m³ as mist

MATERIAL SAFETY DATA SHEET

FORMGARD TJ 450

9. Physical And Chemical Properties

Appearance

Clear light straw color with solvent odor.

Chemical Type: Mixture

Physical State: Liquid

Boiling Point: 300-550 °F 150-290 °C

Specific Gravity: Lighter than water

Packing Density: 7.18 lbs per gallon 0.86 kg per liter

Solubility: Gels in contact with water

Evaporation Rate: Slower than ether

VOC: 450 grams per liter

Flash Point: >100 F >38 C (PMCC)

10. Stability And Reactivity

Stability: Stable

Hazardous Polymerization: Will not occur

Incompatible Materials

Strong acids or bases and selected amines. Strong oxidizing agents.

Hazardous Decomposition Products

Combustion may produce carbon monoxide, carbon dioxide, and various hydrocarbon derivatives.

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

Compounds, Mold Release, N.O.I.

NMFC# 50244

Freight Class

60

15. Regulatory Information

SARA Section 313 Notification

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372. This information must be included in all MSDSs that are copied and distributed for this material.

CHEMICAL

CAS#

MAX WEIGHT %

MATERIAL SAFETY DATA SHEET

FORMGARD TJ 450

15. Regulatory Information - Continued

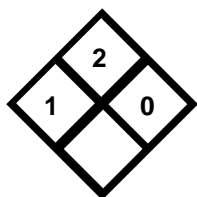
SARA Section 313 Notification - Continued

XYLENE	1330-20-7	3.0%
N-METHYL-2-PYRROLIDONE	872-50-4	4.2%

State Regulations

Proposition 65: WARNING. This product contains one or more chemicals known to the State of California to cause cancer and/or reproductive toxicity.

NFPA



HMIS

HEALTH	1
FLAMMABILITY	2
REACTIVITY	0
PERSONAL PROTECTION	X

16. Other Information

Revision/Preparer Information

MSDS Preparer: Nox-Crete Manufacturing

Reference Documentation

The information contained herein is based on data available to us and is believed to be correct. Since this information 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 may rely thereon only at Buyers 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 user of the product mentioned herein to determine and comply with the requirements of all applicable statutes.

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NOX-CRETE MANUFACTURING INC