



## MATERIAL SAFETY DATA SHEET

### Section 1 PRODUCT & COMPANY IDENTIFICATION

Magnaflux 3624 West Lake Ave., Glenview, IL 60025

www.magnaflux.com

Product Name: THERMASONIC® (all grades)

Synonym: Nondestructive Testing (NDT) Ultrasonic Couplant

Date Prepared: June 5, 2012

Emergency Phone: CHEMTREC 1-800-424-9300

### SECTION 2 -- INGREDIENTS

Methyl-oxirane polymer with oxirane 85-99%

Remaining ingredients are being withheld as "Trade Secrets".

This material is not considered to be hazardous under OSHA's Hazard Communication Standard (29 CFR 1900.1200).

### SECTION 3 – HEALTH HAZARDS

#### Potential Health Effects

Eyes	Irritation
Skin	Irritation
Inhalation	Respiratory tract irritation
Ingestion	Diarrhea/weakness (large amounts)

### SECTION 4 -- First Aid

Eyes: Flush with water for at least 15 minutes. If irritation develops, seek medical attention.

Skin: Wash with large amounts of water. If irritation develops, seek medical attention.

Inhalation: Remove affected individual to fresh air. Seek medical attention.

Ingestion: Call physician if large quantities involved.

### SECTION 5 – FIRE AND EXPLOSION DATA

Flash Point: Not available.

Auto Ignition: 720° F

Extinguishing Media: water, dry chemical, foam.

Special Precautions: Do not use carbon dioxide as the extinguishing media. SCBA and protective clothing should be worn in fighting fire involving chemicals.

Unusual Hazards: None.

NFPA Rating: Health: 1, Fire: 1, Instability: 0

### SECTION 6 – ACCIDENTAL RELEASE

Scoop or wipe up excess. Avoid eye contact and repeated or prolonged skin contact. Sprinkle with traction material if spill not cleaned immediately. Material is slippery.

### SECTION 7 – STORAGE AND HANDLING

Store at room temperature.

### SECTION 8 – EXPOSURE CONTROLS

Respiratory Protection: Wear respiratory protection if ventilation is not adequate.

Ventilation: Local exhaust ventilation.

Protective Gloves: Rubber, to avoid prolonged contact.

Eye Protection: Proper eye protection should be worn in any type of industrial operation.

Other Controls: Not required.

### SECTION 9 – PHYSICAL DATA

Boiling Range: Decomposes at 635° F.



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Density: 1.07 g/cc  
Vapor Density: Not determined.  
Vapor Pressure: Not determined.  
Volatile Organic Compounds: None.  
Percent Solids: Approximately 5%.  
Solubility in water: 40%  
Appearance & Odor: Opaque gel, bland odor .

### SECTION 10 – REACTIVITY DATA

Stability: Stable.  
Hazardous Polymerization: Will not occur.  
Hazardous Decomposition Products: Burning can produce carbon monoxide and/or carbon dioxide & nitrogen oxides.  
Incompatibility: Strong oxidizing agents.

### SECTION 11 – TOXICOLOGY INFORMATION

Acute Toxicity  
Oral: LD50/Rat: 5,000 mg/kg (Methyl-oxirane polymer with oxirane)  
Eye Irritation: Rabbit: Mildly irritating (Methyl-oxirane polymer with oxirane)

### SECTION 12 – ECOLOGICAL INFORMATION

No data.

### SECTION 13 -- DISPOSAL

Follow applicable federal, state, and local regulations.

### SECTION 14 – TRANSPORTATION INFORMATION

Domestic regulations: None.  
DOT Designation: None.  
Hazard Class: None.  
ID Number: None.  
Packing Group: None.  
International Regulations: None known.

### SECTION 15 – REGULATORY INFORMATION

TSCA: All ingredients are listed on the TSCA Inventory.

### SECTION 16 – ADDITIONAL INFORMATION

HMIS: Health: 1, Flammability: 1, Physical Hazard: 0

Supercedes 7/11  
Revised: Section 1

This Material Safety Data Sheet (MSDS) has been prepared in compliance with the Federal OSHA Hazard Communication Standard, 29 CFR 1910.1200. Sonotech believes this information to be reliable and up to date as of the date of this publication, but makes no warranty that it is.