



774 Marine Drive  
 Bellingham, WA 98225-1530  
 360-671-9121 Fax: 360-671-9024  
 www.sonotech-inc.com



	NFPA	HMIS
Health	1	1
Flammability	0	0
Reactivity	0	0
PPE		A

**Section 1 - Material Identification**

**Product:** THERMASONIC®  
 Synonym: Ultrasonic Couplant  
 Manufacturer: Sonotech, Inc.  
 Date Prepared: 10/31/00  
 Emergency Phone: 800-458-4254 / 360-671-9121

**Section 2 - Ingredients (>0.1% by WT)**

Component	CAS
Poloxalene	9003-11-6
Silicon Dioxide	7631-86-9
Triethanolamine	102-71-6

All required ingredients are listed on TSCA inventory.

**Section 3 - Health Hazards**

	Primary Route	Effect
Eyes	No	Transient irritation
Skin	Yes	Redness, dryness, itching
Inhalation	No	None expected
Ingestion	No	None expected

**Section 4 - First Aid**

Eyes: Flush with water for 15 minutes & call a physician  
 Skin: Wash with soap and water  
 Inhalation: Not applicable  
 Ingestion: If large quantities are swallowed, induce vomiting. Consult a physician.

**Section 5 - Fire and Explosion Data**

Flash Point (method): 400°F (COC)  
 Upper Exposure Limit: None  
 Lower Exposure Limit: None  
 Extinguishing media: All standard firefighting media  
 Special Precautions: SCBA and protective clothing should be worn in fighting fire involving chemicals  
 Unusual Hazards: N/A

**Section 6 - Accidental Release**

Wipe up excess. Wash with water. Sprinkle with traction material if spill not cleaned immediately.  
 Environmental Impact: Low for spills <55 gallons

**Section 7 - Storage and Handling**

Storage & Handling Precautions: Store at room temperature. Avoid eye contact and repeated or prolonged skin contact. Material is slippery.

**Section 8 - Exposure Controls**

Respiratory Protection: Not required  
 Ventilation: Not required  
 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  
 Density: 1.07 g/cc  
 Vapor Density : 5 (air=1)  
 Vapor Pressure (temp): <.01 mm Hg (68°F)  
 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**

Oral toxicity: LD50<5g/Kg body weight (rat)  
 Skin irritation: Not a primary skin irritant, irritation index= 0.63 (rabbit)  
 Eye Irritation: Not determined  
 Known / Suspected Carcinogens: None

**Section 12 - Ecological Information**

Biodegradability is high.  
 Ecotoxicity is low.  
 Bioconcentration potential is low.

**Section 13 - Disposal**

Follow applicable federal, state, and local regulations. Generally, material can be landfilled, incinerated, or washed to industrial sewer treatment system.

**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**

WHMIS: Not a Controlled Product  
 EPCRA 311/ 312 Categories: None

*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. If this MSDS is more than three years old, you should contact Sonotech at the phone number provided above to verify that this sheet is current.*