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MSDS

Material Safety Data Sheet

	<u>NFPA</u>	<u>HMIS</u>
Health	1	1
Flammability	0	0
Reactivity	0	0
PPE		A

Section 1 - Material Identification

Product: HIGH Z®

Synonym: Ultrasonic Couplant

Manufacturer: Sonotech, Inc.

Date Prepared: 5/03

Emergency Phone: 800-458-4254 / 360-671-9121

Section 2 - Ingredients (>0.1% by WT)

<u>Component</u>	<u>CAS</u>
Glycerin	56-81-5
Sodium Tetraborate	1303-96-4

All required ingredients are listed on TSCA inventory.

Section 3 - Health Hazards

	<u>Primary Route</u>	<u>Effect</u>
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. Get medical attention if irritation persists for more than 30 minutes

Skin: Wash with water

Inhalation: Take to fresh air if respiratory irritation occurs

Ingestion: Swallowing less than a teaspoon will cause no harm to healthy adults. If larger amounts are swallowed, give two glasses of water and seek medical attention.

Section 5 - Fire and Explosion Data

Flash Point (method): N/A

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: May kill vegetation.

Section 7 - Storage and Handling

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

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.

Section 8 - Exposure Controls

Respiratory Protection: If material is heated, use an approved air-purifying respirator

Ventilation: Not required

Protective Gloves: Rubber, if allergic to above ingredients

Eye Protection: Proper eye protection should be worn

Other Controls: Not required

Section 9 - Physical Data

Boiling Range: >240°F

Density: 1.4-1.6 g/cc

Vapor Density : N/A

Vapor Pressure (temp): N/A

Volatile Organic Compounds: None

Percent Solids: <2%

Solubility in water: miscible

Appearance & Odor: Clear thin to thick liquid, odorless

Section 10 - Reactivity Data

Stability: Stable

Hazardous Polymerization: Will not occur

Hazardous Decomposition Products: Thermal decomposition may yield Acrolein

Incompatibility: N/A

Section 11 - Toxicology Information

Oral toxicity: N/A

Skin irritation: N/A

Eye Irritation: N/A

Known / Suspected Carcinogens: None

Section 12 - Ecological Information

Biodegradability is high.

Ecotoxicity is moderate.

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