



MATERIAL SAFETY DATA SHEET

SECTION 1 – PRODUCT & COMPANY IDENTIFICATION

SONOTECH 774 MARINE DRIVE BELLINGHAM, WA 98225 www.sonotech-inc.com

Product Name: HIGH Z High Viscosity & HIGH Z Low Viscosity

Synonym: Nondestructive Testing (NDT) Ultrasonic Couplant

Manufacturer: Sonotech

Date Prepared: 05/11

Emergency Phone: 360-671-9121 (7am-4pm PST) After hours: CHEMTREC 1-800-424-9300

SECTION 2 -- INGREDIENTS

Sodium Borate CAS# 1303-96-4 20-50%

Remaining ingredients are not considered to be hazardous under OSHA's Hazard Communication Standard (29 CFR 1900.1200).

SECTION 3 – HEALTH HAZARDS

Potential Health Effects

Eyes	Transient irritation
Skin	Redness, dryness, itching
Inhalation	None expected
Ingestion	None expected

SECTION 4 – FIRST AID

Eyes: Flush with water for at least 15 minutes. Get medical attention if irritation persists.

Skin: Wash with water.

Inhalation: Remove 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, seek medical attention.

SECTION 5 – FIRE AND EXPLOSION DATA

Flash Point: Not available.

Extinguishing Media: All standard firefighting media.

Unusual Hazards: None.

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

SECTION 6 – ACCIDENTAL RELEASE

Wipe up excess. Wash with water. Material is sticky.

Environmental Impact: May kill vegetation.

SECTION 7 – STORAGE AND HANDLING

Store at room temperature.

SECTION 8 – EXPOSURE CONTROLS

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

Ventilation: General and/or local exhaust ventilation.

Protective Gloves: May be required if sensitivity exists. When prolonged or frequently repeated contact could occur, use gloves (Latex, vinyl, nitrile, polyvinyl alcohol).

Eye Protection: Safety glasses.

Other controls: Not required.

SECTION 9 – PHYSICAL DATA

Boiling Range: >240° F



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Density: 1.4-1.6 g/cc

Vapor Density (68° F): Not available.

Vapor Pressure: Not available.

Volatile Organic Compounds: None.

Percent Solids: <2%

Solubility in water: Miscible.

Appearance & Odor: Clear thin to thick liquid, odorless.

SECTION 10 -- REACTIVITY

Stability: Stable.

Hazardous Polymerization: Will not occur.

Hazardous Decomposition Products: Thermal decomposition may yield Acrolein.

Incompatibility: Not applicable.

SECTION 11 – TOXICOLOGY INFORMATION

Oral Toxicity: LD50 (rat): 3,305 mg/kg (Borax)

Skin Irritation: LD50 (rabbit): >2,000 mg/kg (Borax)

Eye Irritation: Human eye irritant (Borax)

SECTION 12 – ECOLOGICAL DATA

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: 0, Physical Hazard: 0

This MSDS was revised on May 24, 2011. Supercedes January 2010.

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.