



MATERIAL SAFETY DATA SHEET

SECTION 1 – PRODUCT & COMPANY IDENTIFICATION

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

Product Name: UT-X® POWDER

Synonym: Nondestructive Testing (NDT) Ultrasonic Couplant, powder form

Manufacturer: Sonotech

Date Prepared: 07/11

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

SECTION 2 -- INGREDIENTS

PACKET 'A': This material is not considered to be hazardous under OSHA's Hazard Communication Standard (29 CFR 1900.1200). It does not contain any ingredients having known health hazards in concentrations $\geq 1\%$, or any suspected carcinogens in concentrations $\geq 0.1\%$.

PACKET 'B': WARNING! Contains concentrated Borax, which is orally toxic to small children and animals.

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

SECTION 3 – HEALTH HAZARDS

	<u>Potential Health Effects Packet 'A'</u>	<u>Potential Health Effects Packet 'B'</u>
Eyes	Mild, transient irritation	May cause irritation w/ redness, pain, blurred vision, and possibly corneal injury
Skin	(Rarely) redness, itching	Non irritating to intact skin. Absorption through large areas of damaged skin may produce symptoms similar to those following ingestion.
Inhalation	None expected	Dust may cause mucous membrane irritation w/ coughing, dryness, sore throat
Ingestion	Large doses may cause nausea, vomiting, diarrhea	May cause gastrointestinal disturbances such as headache, nausea, vomiting, abdominal pain, and diarrhea, w/ delayed effects of skin redness and peeling

SECTION 4 – FIRST AID

Eyes: Flush with water for at least 15 minutes.

Skin: Wash with water.

Inhalation: Remove to fresh air if effects occur.

Ingestion: Seek medical attention.

SECTION 5 – FIRE AND EXPLOSION DATA

Flash Point: Not available.

Extinguishing Media: All types.

Special Precautions: None.

Unusual Hazards: None.

NFPA Rating: (Packet 'A'): Health: 1, Fire: 0, Instability: 0 (Packet 'B'): Health: 1, Fire: 0, Instability: 0

SECTION 6 – ACCIDENTAL RELEASE

Sweep up excess. Flush with water, avoiding runoff to public water supplies.

SECTION 7 – STORAGE AND HANDLING

Store near room temperature away from sunlight. Avoid excessive skin contact with dry powder.



MATERIAL SAFETY DATA SHEET

SECTION 8 – EXPOSURE CONTROLS

Respiratory Protection: Not required.

Ventilation: Not required.

Protective Gloves: Recommended.

Eye Protection: Safety glasses.

Other Controls: Not required.

SECTION 9 – PHYSICAL DATA

Boiling Point: Not applicable.

Density: Approximately 0.9 g/cc.

Vapor Density: Not applicable.

Vapor Pressure: Not applicable.

Volatile Organic Compounds: 0 lbs/gal

Percent Solids: 100%

Solubility in water: Complete.

Appearance & Odor: Packet 'A': Pale yellow powder, mild odor Packet 'B': White powder, sharp odor.

SECTION 10 -- REACTIVITY

Stability: Stable.

Hazardous Polymerization: Will not occur.

Hazardous Decomposition Products: None known.

Incompatibility: Temperatures about 120° F speed decomposition of packet 'B'.

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 .

WHMIS: Class D – Division 2A

SECTION 16 – ADDITIONAL INFORMATION

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

This MSDS was revised on July 5, 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.