



SAFETY DATA SHEET
Shear Wave Normal Incidence
Shear Wave Ultrasonic Couplant

SECTION 1 – IDENTIFICATION

Product Name: Shear Wave
Recommended Use: Industrial Ultrasonic Couplant
40° to 90°F (4° to 32°C)
Restrictions on Use: For Industrial Use Only

Manufacturer: Echo Ultrasonics® LLC
774 Marine Drive, Bellingham, WA 98225
360-617-9121 www.echoultrasonics.com
Emergency: US: 1-800-255-3924 Outside US: +1-813-248-0585

SECTION 2 – HAZARDS

Hazard Status: Not hazardous by OSHA HazCom 2012 Criteria.
Pictograms Required: None
Color: Dark Brown
Physical State: thick paste
Odor: none

Emergency Overview: **Hazards: Eye:** transient irritation.
Skin: No adverse effects expected.

Potential Health Hazards: **Inhalation:** No adverse effects expected.
Ingestion: No adverse effects expected.

LABEL ELEMENTS ACCORDING TO OSHA HazCom 2012- NONE APPLICABLE

SECTION 3 – COMPOSITION/INGREDIENTS

Chemical/ Common Name	CAS #	WT %	Hazard Limit
None by WHMIS/OSHA/NOM-018-STPS-2000 criteria.		No known impurities	Not Applicable

SECTION 4 – FIRST-AID MEASURES

General Information: This product as such is not hazardous.

	Symptoms/Effects	Treatment Recommendations
Eyes:	Irritation, discomfort	Flush with water holding eyelids apart. Get medical attention if irritation or other symptoms occur.
Skin:	None expected	Wash with soap and water.
Inhalation:	None expected	Remove to fresh air.
Ingestion:	None expected	Call physician if large quantities involved. Keep away from children and adults with dementia

SECTION 5 – FIRE-FIGHTING MEASURES

Suitable Extinguishing Equipment: Carbon oxidate, foam, water fog, dry chemical
Specific Hazards from Combustion: None
Fight fire from a safe distance and wear positive pressure self-contained breathing apparatus and protective clothing.

Recommendations:

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions: Spills may be slippery. Prevent entry into spill area by unauthorized persons. Wipe up excess.
Emergency Procedures: Sprinkle inert, non-slip absorbent material onto spill.
Minimize entry of material into sewers and drainage systems.
Containment Procedures: Absorb spill with inert material (earth, clay, commercial absorbent for oil) then place into container for disposal.

SECTION 7 – HANDLING AND STORAGE

Precautions: None

Recommendations: Store near room temperature away from sunlight.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Permissible Exposure Limits: None established
Engineering Controls: None required
Personal Protection: **Eyes:** Use safety glasses if there is a possibility for exposure.
Skin: Wear appropriate protective gloves
Respiratory: Not normally needed. In case of insufficient ventilation, wear suitable respiratory equipment.

Special Requirements: None



SAFETY DATA SHEET
Shear Wave Normal Incidence
Shear Wave Ultrasonic Couplant

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Thick dark brown paste
Odor: None
Odor Threshold: No data
Solubility: Complete in water
pH: Neutral
Viscosity: Not available
Flammable Limits: **Upper Explosive Limit:** N/A
Lower explosive Limit: N/A
Vapor Pressure: Not determined
Vapor Density: Not determined
Specific gravity / Density: >1.0 g/cc (water = 1)
Flammability: Nonflammable by WHMIS/OSHA/NOM-018-STPS 2000 Criteria
Partition Coefficient: N/A
Boiling Point: >220°F

SECTION 10 – STABILITY AND REACTIVITY

Reactivity: Stable
Chemical Stability: Stable
Potential Hazards, Conditions to Avoid: None known
Incompatible Materials: Inert

SECTION 11 – TOXICOLOGICAL INFORMATION

Likely Routes of Exposure: See section 2
Effects of Exposure: See section 2
Immediate: See section 2
Delayed, Chronic, Symptoms: No data
Carcinogenicity: No data
Other:

SECTION 12 – ECOLOGICAL INFORMATION

Toxicology Data:
Environmental Persistence/Degradation: Inert
Bioaccumulation Potential: Non expected
Soil to Groundwater Motility: No data
Other Adverse Effects: No data

SECTION 13 – DISPOSAL CONSIDERATIONS

General Information: Dispose in accordance with all federal, state, and local regulations.
Disposal Containers, Methods: Landfill

SECTION 14 – TRANSPORT INFORMATION

UN Number and Proper Shipping Name: Not applicable
Transport Hazard Class: Not hazardous
Packing Group: Not applicable
Environmental Hazards: Not applicable
Bulk Transport Guidance: Not applicable
Special Precautions: Not restricted, not regulated, not hazardous & not dangerous to transport by air by IATA.

SECTION 15 – REGULATORY INFORMATION

Regulatory Information not included elsewhere: **TSCA Inventory:** All ingredients listed or in compliance with the inventory
Section 311 SARA Title III/CERCLA Immediate (acute): No
Fire Hazard: No
Delayed (chronic): no
Reactive: No
Sudden Release of Pressure: No
This product does not contain chemicals which require reporting, nor listing under California Proposition 65.

SECTION 16 – OTHER INFORMATION

SDS Preparation Date: 22 June 2015 - original
Last Revision: 17 January 2022
Changes from Last Revision: Annual Review
Other Information:

All information herein is provided in good faith and believed to be accurate and reliable. However, no warranty, express or implied, is given. Regulatory requirements are subject to change and may differ according to location. It is the buyer's/user's responsibility to ensure that this product is used in compliance with all federal, state, and local law and used as intended as an industrial nondestructive testing ultrasonic couplant.