SECTION 1 – IDENTIFICATION

Product Name: VersaSonic® High, Medium, and Fluid
Recommended Use: Ultrasonic Couplant
Restrictions on Use: For Industrial Use Only

Manufacturer: Echo Ultrasonics® LLC
Address: 774 Marine Drive; Bellingham, WA 98225
Emergency: 360-671-9121 www.echoultrasonics.com

SECTION 2 – HAZARDOUS

Hazard Status: VersaSonic is not considered hazardous by OSHA HazCom 2012 Criteria. Non hazardous and non-dangerous in accordance with NOHSC criteria and ADG Code (Australia)

Color: Pale yellow
Physical State: Grease

Emergency Overview: Odor: Mild characteristic odor
Hazard: Slippery

Potential Health Hazards: Eye: May cause slight irritation.
Skin: None expected.
Inhalation: No adverse effects expected.
Ingestion: No adverse effects expected. Non-toxic.

SECTION 3 – COMPOSITION/INGREDIENTS

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS #</th>
<th>WT %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oilseed Plant based ester</td>
<td>9083-41-4</td>
<td>&gt;90%</td>
</tr>
<tr>
<td>Silicon dioxide thickening agent</td>
<td>99439-28-8</td>
<td>&lt;10%</td>
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</tbody>
</table>

SECTION 4 – FIRST-AID MEASURES

General Information: During use on hot surfaces, product may become hot. Take precautions to avoid burns.

Symptoms/Effects: Treatment Recommendations
- Eyes: Irritation
  - Treatment: Flush with water for at least 15 minutes, holding eyelids apart. Get medical attention if irritation or other symptoms occur.
- Skin: None expected
  - Treatment: Wash with soap and water.
- Inhalation: Irritation (from fumes)
  - Treatment: If exposed to excessive vapors or mists, remove to fresh air and get medical attention if cough or other symptoms develop.
- Ingestion: Abdominal cramping
  - Treatment: Get medical attention if symptoms persist.

SECTION 5 – FIRE-FIGHTING MEASURES

Suitable Extinguishing Equipment: CO2, dry chemical, alcohol foam. Avoid high-pressure water jet.

Specific Hazards from Combustion: During a fire, smoke may contain the original material in addition to combustion products, which may be toxic or irritating. Combustion products may include carbon monoxide and carbon dioxide.

Unusual Hazards: Combustible materials impregnated with this product may spontaneously ignite.

Recommendations: Keep people away. Fight fire from a safe distance with adequate ventilation, or wear positive pressure self-contained breathing apparatus and protective clothing. Using water can cause frothing with increase of fire intensity.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions: Spills may be slippery. Prevent entry into spill area by unauthorized persons.

Emergency Procedures: Sprinkle inert, non-slip material onto spill if it cannot be cleaned up immediately.

Containment Procedures: Absorb spill with inert material (earth, clay, commercial absorbent for oil) then place into container for disposal. Do not use combustible material (such as sawdust) as an absorbent.

SECTION 7 – HANDLING AND STORAGE

Precautions: Although this material does not present a significant skin or eye concern, skin and eye contact should be avoided as a general industrial practice. Gloves are not required, but may be desirable for repeated or long term contact. Wearing eye protection is recommended. Wash hands and contamined skin after handling. Combustible materials such as sawdust and rags impregnated with this material may spontaneously ignite.

Recommendations: Store in original containers in a cool dry place away from strong oxidizers and acids. Store above 9°C (15°F). Keep away from children and adults with dementia.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Permissible Exposure Limits: None established

Engineering Controls: When used indoors on a hot surface, control fumes with local exhaust ventilation

Personal Protection: Eyes: Use safety glasses if there is a possibility for exposure.
Skin: Wear impervious gloves as needed. Wear impervious heat insulated gloves when working with hot material.
Respiratory: Wear MIOSH/MSHA approved air purifying respirator as needed to control exposure to smoke or fumes generated during use. Consult with respirator manufacturer to determine respirator selection, use, and limitations. Follow respiratory protection program requirements (OSHA 1910.134 and ANSI Z88.2) for all respirator use.

Additional: It is good general practice to provide eyewash stations or rinse bottles.

Special Requirements: None

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Pale yellow grease
Odor: Mild characteristic
Solubility: Insoluble in water
pH: N/A
Viscosity: High viscosity: 80.54 Pa.s. at a shear rate of 2.9 seconds (TA Rheometer)
Medium viscosity: 29.25 Pa.s at a shear rate of 2.25 seconds (TA Rheometer)
Flammable Limits: Upper Explosive Limit: N/A; Lower explosive Limit: N/A
Vapor Pressure: <0.001 Torr at 25°C
Vapor Density: N/A
Relative Density: ~0.95 (water = 1)
Melting Point: -26°C (-15°F)
Freezing point: -26°C (-15°F)
Boiling Point: >300°C (>590°F)
Evaporation Rate: <1% at 100°C
Auto-Ignition Temperature: 417°C to 449°C (782°F to 840°F) Variation in test results between laboratories and test conditions.

SECTION 10 – STABILITY AND REACTIVITY
Reactivity: Stable
Chemical Stability: Stable
Potential Hazards: No significant hazards expected.
Conditions to Avoid: Keep from contact with strong oxidizers.
Incompatible Materials: Can react vigorously with oxidizing materials.
Hazardous Polymerization: Not prone to hazardous polymerization.
Hazardous Decomposition Products: Products of incomplete combustion may include CO, CO2, and dense smoke.

SECTION 11 – TOXICOLOGICAL INFORMATION
Likely Routes and Effects of Exposure:
Immediate: See section 2
Delayed, Chronic, Symptoms: No data
Carcinogenicity: No data
Other: Skin irritation, human: 48 hour patch test of main ingredient – not irritating

SECTION 12 – ECOLOGICAL INFORMATION
Toxicology Data: Not available
Environmental Persistence/Degradation: Biodegradable
Bioaccumulation Potential: Non expected
Soil to Groundwater Motility: No data
Other Adverse Effects: No data

SECTION 13 – DISPOSAL CONSIDERATIONS
General Information: All disposal practices must be in compliance with all federal, state, and local regulations.
Disposal Containers, Methods: Use clean, impervious container. Landfill, incineration

SECTION 14 – TRANSPORT INFORMATION
UN Number/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: None

SECTION 15 – REGULATORY INFORMATION
Regulatory Information not included elsewhere:
TSCA Inventory: All ingredients listed
CEPA: All ingredients listed on DSL
Section 311 SARA Title III/CERCLA
NO HSC, ADG (Australia)
Immediate (acute): No
Delayed (chronic): No
Fire Hazard: No
Reactive: No
Sudden Release of Pressure: No
SARA 313
This product does not contain chemicals which require reporting nor listing under California Proposition 65.

SECTION 16 – OTHER INFORMATION
SDS Preparation Date: 12 December 2012
Last Revision: 29 May 2015
Changes from Last Revision: Compliance with GHS Guidelines
Other Information: Reformatted

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 laws.