



**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  
774 Marine Drive; Bellingham, WA 98225  
360-671-9121 www.echoultrasonics.com  
**Emergency:** 360-758-2702  
**Date Australian contact details added:** November 2015  
**Australian Distributor:** Russell Fraser Sales Pty Ltd. 7/38 Waratah Street,  
Kirrawee, NSW, 2232, AUS  
**Phone: 02 9545 4433 (9am-5pm AEST) Fax: 02 9545 4218 Emergency Tel**  
**After Hours: 0416 055 166**

**SECTION 2 – HAZARDS**

**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  
**Hazards:** Slippery  
**Potential Health Hazards:** **Eye:** May cause slight irritation.  
**Skin:** None expected.  
**Inhalation:** No adverse effects expected.  
**Ingestion:** No adverse effects expected. Non-toxic.  
**LABEL ELEMENTS ACCORDING TO OSHA HazCom 2012 : NONE APPLICABLE**

**SECTION 3 – COMPOSITION/INGREDIENTS**

Component	CAS #	WT %
Oilseed Plant based ester	9083-41-4	>90%
Silicon dioxide thickening agent	99439-28-8	<10%

**SECTION 4 – FIRST-AID MEASURES**

**General Information:** This product has been formulated to be benign with reference to Australian regulatory standards NOHSC and ADG . During use on hot surfaces, product may become hot. Take precautions to avoid burns.

	Symptoms/Effects	Treatment Recommendations
<b>Eyes:</b>	Irritation	Flush with water for at least 15 minutes, holding eyelids apart. Get medical attention if irritation or other symptoms occur.
<b>Skin:</b>	None expected	Wash with soap and water.
<b>Inhalation:</b>	Irritation (from fumes)	If exposed to excessive vapors or mists, remove to fresh air and get medical attention if cough or other symptoms develop.
<b>Ingestion:</b>	Abdominal cramping	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 and are not limited to 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. 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. 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 contaminated 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:** >1  
**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  
**Flammability:** Non-Flammable by WHMIS/OSHA/NOM-018-STPS 2000 criteria  
**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:** See section 2  
**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



SAFETY DATA SHEET  
**VERSASONIC®**

*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.*

The logo for Russell Fraser Sales Pty Ltd, featuring the letters "RFS" in a stylized font with a map of Australia above the "S", and "NDT" below it.	<b>Russell Fraser Sales Pty Ltd</b>		
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