SECTION 1 – IDENTIFICATION
Product Names: Echo 6 HT™ High Temperature Couplant
Recommended Use: Ultrasonic Couplant, Fluid
-40°F to 675°F (-40 to 357°C)
Restrictions on Use: For Industrial Use Only
Manufacturer: Echo Ultrasonics® LLC
774 Marine Drive, Bellingham, WA 98225
360-671-9121 www.echoultrasonics.com
Emergency: US: 1-800-255-3924

SECTION 2 – HAZARDS
Hazard Status: Not hazardous by OSHA HazCom 2012 criteria.
Color: Colorless
Physical State: Liquid, low viscosity
Odor: None
Emergency Overview: Hazards: Slippery
Eye: May cause slight irritation.
Skin: Extended contact may cause slight irritation in sensitive individuals.
Inhalation: No adverse effects expected.
Ingestion: No adverse effects expected.
Label Elements according to OSHA HazCom 2012: NONE APPLICABLE

SECTION 3 – COMPOSITION/INGREDIENTS
Component
Methylphenyl Polysiloxane Fluid Blend
CAS # 68083-14-7
WT % >98%

SECTION 4 – FIRST-AID MEASURES
General Information: This product has been formulated to be benign. During use on hot surfaces, product may become hot. Take precautions to avoid burns.

Symptoms/Effects
Eyes: Slight irritation
Treatment Recommendations
Flush with water holding eyelids apart. Get medical attention if irritation or other symptoms occur.
Skin: None expected
Wash with soap and water. Get medical attention if irritation develops or persists.
Inhalation: No irritation expected
If exposed to excessive vapors or mists, remove to fresh air and get medical attention if cough or other symptoms develop.
Ingestion: None known
Keep away from children and adults with dementia.

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 irritating. Combustion products may include and are not limited to carbon monoxide and carbon dioxide.
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.
Recommendations: Store in original containers. 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.
Special Requirements: None
SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Colorless  
Odor: Mild characteristic  
Odor Threshold: No data  
Solubility: Insoluble in water  
Viscosity: 90-110 cps  
Relative Density: 0.97  
Freezing Point: -50°F (-45°C)  
Evaporation Rate: <1% at 100°C  
Flash Point: 532°F (278°C)  
Partition Coefficient: No data  
Auto-Ignition Temperature: 789°F (421°C)  
Decomposition Temperature: No data

SECTION 10 – STABILITY AND REACTIVITY

Reactivity: Stable  
Chemical Stability: Stable  
Potential Hazards: No significant hazards expected.  
Conditions to Avoid: None  
Incompatible Materials: None  
Hazardous Polymerization: Will not occur.

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: Skin irritation, human: 48 hour patch test of main ingredient – not irritating

SECTION 12 – ECOLOGICAL INFORMATION

Toxicology Data: Not available  
Bioaccumulation Potential: None 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. Use clean, impervious container.  
Disposal Containers, Methods: Landfill, incineration

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 exempt from listing  
CEPA: All ingredients listed on DSL  
Section 311 SARA Title III/CERCLA  
Immediate (acute): No  
Delayed (chronic): No  
Fire Hazard: No  
Reactive: No  
Sudden Release of Pressure: No  
SARA 313: Not applicable  
This product does not contain chemicals which require reporting.  
Not hazardous by OSHA HazCom 1012 criteria nor listing under California Proposition 65.

SECTION 16 – OTHER INFORMATION

SDS Preparation Date: October 28, 2019  
Last Revision: March 18, 2020  
Changes from Last Revision: Annual Review  
Other Information: Annual Review

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.