



MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT & COMPANY IDENTIFICATION

Company Name: Eclipse Scientific
97 Randall Drive, Unit 2,
Waterloo Ontario
N2V 1C5, Canada
519-886-6717

Product Name: ESSpectrumGlide
Synonym: Non-Destructive Testing (NDT) Ultrasonic Couplant
Date Prepared: March 5, 2015
Emergency Phone: CHEMTREC 1-800-424-9300

SECTION 2 - INGREDIENTS

Chemical characterization (substance): Polysiloxane 70-100% **CAS#:** Trade Secret
Information on ingredients: This material does not contain any OSHA or WHMIS reportable hazardous ingredients.
Remaining ingredients are being withheld as Trade Secrets.
This material is not considered to be hazardous under OSHA's Hazard Communication Standard (29 CFR 1900.1200).

SECTION 3 - HEALTH HAZARDS

Potential Health Effects

Eyes: Direct contact may cause temporary redness & discomfort.
Skin: No significant irritation expected from a single short-term exposure.
Inhalation: No significant effects expected from a single short-term exposure.
Ingestion: Low ingestion hazard in normal use.

SECTION 4 - FIRST AID

Eyes: Flush with water for at least 15 minutes. If irritation develops, seek medical attention.
Skin: Wash with soap and water.
Inhalation: Remove affected individual to fresh air. Seek medical attention if irritation develops.
Ingestion: Call physician if large quantities involved.

SECTION 5 - FIRE AND EXPLOSION DATA

Flash Point: Approximately 280 °C (536 °F) (ISO 2592)
Boiling Point/Boiling Range: Not applicable
Lower Explosion Limit (LEL): Not applicable
Upper Explosion Limit (LEL): Not applicable
Ignition Temperature: > 400 °C (> 752 °F) (DIN 51794)
NFPA Hazard Class (Flammable/Combustible Liquid): IIIB
Extinguishing Media: On large fires use dry chemical, foam or water spray On small fires use carbon dioxide (CO₂), dry chemical or water spray.
Special Precautions: SCBA and protective clothing should be worn in fighting fire involving chemicals.
Unusual Hazards: None.
NFPA Rating: Health: 0, Fire: 1, Instability: 0

SECTION 6 - ACCIDENTAL RELEASE

Scoop or wipe up excess. Wash with detergent and water. Sprinkle with traction material if spill not cleaned immediately. Material is slippery.

SECTION 7 - STORAGE AND HANDLING

Store near room temperature away from sunlight.



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SECTION 8 - EXPOSURE CONTROLS

Ventilation: Use with adequate ventilation.
Local Exhaust: Not necessary.
Protective Gloves: Rubber, to avoid prolonged contact.
Eye Protection: Safety glasses should be worn.
Other Controls: NIOSH approved respirator as needed.

SECTION 9 - PHYSICAL DATA

Boiling Point: Not available
Thermal Decomposition: > 350 °C (> 662 °F)
Density: Approximately 1.09 g/cm³ at 25 °C (77 °F) (DIN 51757)
Vapor Density: Not available
Vapor Pressure: < 1 hPa at 20 °C (68 °F)
Volatile Organic Compounds: Not available
Solubility in water: Not soluble
Appearance & Odor: Colorless, odourless liquid

SECTION 10 - REACTIVITY DATA

Stability: Stable.
Hazardous Polymerization: Will not occur.
Hazardous Decomposition Products: If stored and handled properly: none known. Measurements have shown the formation of small amounts of benzene at temperatures above about 180 °C (356 °F). Measurements have shown the formation of small amounts of formaldehyde at temperatures above about 150 °C (302 °F) through oxidation.
Incompatibility: None known.

SECTION 11 - TOXICOLOGY INFORMATION

No data.

SECTION 12 - ECOLOGICAL INFORMATION

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.

SECTION 16 - ADDITIONAL INFORMATION

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

This Safety Data Sheet has been prepared in compliance with the Federal OSHA Hazard Communication Standard, 29 CFR 1910. 1200.