



MATERIAL SAFETY DATA SHEET

Section 1 PRODUCT & COMPANY IDENTIFICATION

SONOTECH 774 MARINE DRIVE BELLINGHAM, WA 98225 www.sonotech-inc.com

Product Name: PYROGEL® (all grades)

Synonym: Nondestructive Testing (NDT) Ultrasonic Couplant

Manufacturer: Sonotech

Date Prepared: 01/10

Emergency Phone: 360-671-9121 (7am-4pm PST) After hours: CHEMTREC 1-800-424-9300

SECTION 2 -- INGREDIENTS

Methylphenylpolysiloxane	70-100 %	CAS# Trade Secret
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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: 525° F (Cleveland Open Cup) – Pyrogel Grade 25

Auto Ignition: 960° F – Pyrogel Grade 25

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.

SECTION 8 – EXPOSURE CONTROLS

Respiratory Protection/Ventilation: Traces of benzene (carcinogen) may form if heated in air above 300° F.

Provide ventilation to control vapor exposure within inhalation guidelines when handling at elevated temperatures.

Protective Gloves: Rubber, to avoid prolonged contact.

Eye Protection: Safety glasses should be worn.



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Other Controls: NIOSH approved respirator as needed.

SECTION 9 – PHYSICAL DATA

Boiling Point: Not available.

Density: 1.070-1.075 g/cc

Vapor Density: Not available.

Vapor Pressure: Not available.

Volatile Organic Compounds: Not available.

Percent Solids: <2%

Solubility in water: Not soluble.

Appearance & Odor: Colorless, viscous to solid. Bland odor.

SECTION 10 – REACTIVITY DATA

Stability: Stable.

Hazardous Polymerization: Will not occur.

Hazardous Decomposition Products: Thermal decomposition may yield carbon monoxide, carbon dioxide and silicon dioxide.

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 MSDS was revised on January 4, 2010. Supercedes April 2006.

This Material Safety Data Sheet has been prepared in compliance with the Federal OSHA Hazard Communication Standard, 29 CFR 1910. 1200. Sonotech believes this information to be reliable and up to date as of the date of this publication, but makes no warranty that it is.