

Section 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Spray Foam Polymers – Thermoseal 500B
Chemical Name: Polymeric Resin
Manufacturer: Spray Foam Polymers
PO Box 1182
New Canaan, CT 06840
Phone: 800-853-1577
Fax: 888-319-4486
Supplied by: Spray Foam Polymers
Emergency Telephone #: Phone: 800-853-1577
Intended use of Product: Component of a Foam Insulation System

Section 2: HAZARDS IDENTIFICATION

Routes of Entry: Eye contact, Skin contact, Ingestion, Inhalation.
Acute Effects:
Eye Contact: Causes eye irritation.
Skin Contact: Causes skin irritation.
Inhalation: May cause irritation to upper respiratory tract (nose and throat) and lungs.
Ingestion: May result in gastric disturbances.
See Toxicological Information (Section 11)

Section 3: COMPOSITION, INFORMATION ON INGREDIENTS

Ingredient	Approximate Concentration	CAS #
Polyol Blend	> 80%	Proprietary
Surfactant	< 1%	Proprietary
Water	4-10%	7732-18-5
Tertiary Amine Blend	2-8%	Proprietary

Consult local authorities for acceptable exposure limits

Section 4: FIRST AID MEASURES

Skin: Clean exposed area with soap and water. Remove contaminated clothing. Get immediate medical attention.
Eyes: Immediately flush thoroughly with water for at least 20 minutes lifting eye lids occasionally. Get immediate medical attention.
Inhalation: Move to fresh air; give artificial respiration if not breathing. Get immediate medical attention.

Ingestion: If swallowed, dilute with water and immediately induce vomiting. Get immediate medical attention.

Section 5: FIRE FIGHTING MEASURES

Means of Extinction: Carbon dioxide, dry chemical, foam. In case of larger fires, water spray should be used.

Special Fire Fighting Procedures: Firefighter should be equipped with self contained breathing apparatus to protect against potentially toxic and irritating fumes. Cool fire exposed containers with cold water spray.

Flashpoint: >90°C

Section 6: ACCIDENTAL RELEASE MEASURES

Spill or Leak Procedure:

Evacuate all non essential personnel. Utilize recommended protective clothing. Avoid breathing vapours and skin contact. Dike area to prevent spreading. Cover spill with inert material and collect for proper disposal. Wash area with soapy water and rinse. Prevent runoff into drains, sewers, and other waterways.

Section 7: HANDLING AND STORAGE

Handling & Storage:

Store in a cool dry place away from any source of ignition. Handle in a well ventilated area with local exhaust. Wear all personal protective equipment. Storage temperature (Min/Max: 60/90°F).

Special Shipping information: None

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTIONS

Personal Protective Equipment: Safety glasses, chemical resistant gloves, protective clothing.

Ventilation: Local exhaust ventilation is recommended to prevent overexposure.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Odour: Amine Odour

Appearance: Brown Liquid

Physical State: Liquid

Odour Threshold: Not Available

Specific Gravity: Not Available

Freezing Point: Not Available

Viscosity: Not Available

Boiling Point: Not Available

Vapour Density: Not Available

Evaporation Rate: Not Available

Vapour Pressure: Not Available

Solubility in Water: Not Available

%Volatile by Volume: Not Available

Section 10: STABILITY AND REACTIVITY

Chemical Stability: Product is stable under normal conditions.

Incompatibility: Avoid moisture to protect product quality.

Conditions/Hazards to Avoid: Exposure to moisture, high temperatures > 90°F and open flames and sparks

Hazardous Decomposition Products: Carbon Monoxide, carbon dioxide, oxides of nitrogen. Dense black smoke. Other potentially toxic fumes.

Hazardous Polymerization: Polymerization will not occur.

Section 11: TOXICOLOGICAL INFORMATION

LD50: Not available

LC50: Not available

Carcinogenicity: The components of this product are not listed by IARC, NTP or regulated as a carcinogen by OSHA.

Teratogenicity: Not available.

Reproductive Effects: Not available.

Mutagenicity: Not available.

Section 12: ECOLOGICAL INFORMATION

Fish toxicity: Not available

Biodegradability: Not available

Section 13: DISPOSAL CONSIDERATIONS

Waste Disposal:

Incinerate in a licensed facility. Do not discharge into waterways or sewer systems.

Container Disposal:

Steel drums must be emptied (as defined by RCRA, Section 261.7 or state regulations that may be more stringent) and can be sent to a licensed drum reconditioner for reuse, a scrap metal dealer, or an approved landfill. Drums destined for a scrap dealer or landfill must be punctured or crushed to prevent reuse.

Consult your local or regional authorities.

Section 14: TRANSPORT INFORMATION

TDG (TRANSPORATION OF DANGEROUS GOODS) CLASSIFICATION: Not Regulated

Section 15: REGULATORY INFORMATION

WHMIS CLASSIFICATION: D2A, D2B

Domestic Substance List (DSL): yes

Section 16: OTHER INFORMATION

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Other special considerations: No additional remark

DATE: April 21, 2015

REVISION 2

PREPARED BY: Spray Foam Polymers