

Section 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Thermoseal Cured Polyurethane Foam
Chemical Name: Polyurethane foam
Manufacturer: Thermoseal LLC
P.O. Box 32
New Canaan, CT 06840
Phone (800) 853-1577 Fax (888) 319-4486

Supplied by: Thermoseal LLC
Emergency Telephone #: Chemtrec Emergency Number: 800-424-9300
Intended use of Product: Various Applications

Section 2: HAZARDOUS INGREDIENTS OF PRODUCT

Ingredient	Approximate Concentration	CAS #	Exposure Limits	LD50/LC50
None				

Section 3: PHYSICAL PROPERTIES OF PRODUCT

Odour: Odourless
Appearance: Various colours & shapes
Physical State: Solid
Odour Threshold: NIL
Specific Gravity: 1.05-1.12g/mL
Freezing Point: Solid
Viscosity: Solid
Boiling Point: Decomposes (>300°C)
Vapour Pressure: NIL
Vapour Density: None
Evaporation Rate: NIL
Solubility in Water: NIL
% Volatile by volume: NIL

Section 4: FIRE AND EXPLOSION HAZARD OF PRODUCT

Means of Extinction: AFFF Foam, Water Fog, Dry Chemical, and Carbon Dioxide.
Special Procedures: None
Flashpoint: None
Lower Explosion Limit: None
Upper Explosion Limit: None
Auto Ignition Temperature: >500F
Hazardous Combustion Products: Oxides of carbon and nitrogen.
Sensitivity to Mechanical Impact: No
Sensitivity to Static Discharge: No

Section 5: REACTIVITY DATA

Chemical Stability: This is a stable material at room temperature.
Conditions to avoid: High temperatures and open flames.

Incompatibility (Materials to avoid): Strong oxidizing agents.
Hazardous decomposition Products: Oxides of carbon and nitrogen.
Hazardous Polymerization: Polymerization will not occur under normal conditions.

Section 6: Toxicological Properties

Routes of Entry: Ingestion
Acute Effects: Skin Contact- No effect from the product in this form.
Eye Contact - No effect from the product in this form.
Ingestion - May cause abdominal pain.
Inhalation- No effect from product in this form.
Chronic Effects: None Known
LD50: (Oral, rat) = >5g/Kg
LD50: (Dermal, rabbit) = No Effect
Carcinogenicity: This product is not classified as carcinogenic by AGGIH or IARC.
Teratogenicity: This product is not suspected to have teratogenicity effects.
Reproductive Toxicity: This product is not suspected to have reproductive toxicity.
Mutagenicity: This product is not suspected to have mutagenic effects.
Name of toxicologically synergistic products: None known

Section 7: Preventative Measures

Personal Protective equipment: Safety glasses, chemical resistant gloves, and protective clothing.
Ventilation: Local exhaust ventilation is required.
Spill Procedure:
Clean up personnel must wear protective equipment to prevent contact with the product. Evacuate the area of all unnecessary personnel. Stop spill at source. Use inert absorbent material such as sand, clay, earth or floor absorbent to clean up spill. Shovel into drums.
Disposal Procedure:
Comply with Federal, provincial, and local regulations on reporting releases.
Handling & Storage:
Store product at room temperature away from heat and moisture. Handle in a well ventilated area with local exhaust. Wear all personal protective equipment.
Special shipping Information: None

Section 8: FIRST AID PROCEDURES

Skin: Not damaging to the skin.
Eyes: Injury to eyes could only arise from mechanical action. Consult a physician.
Inhalation: No adverse effects.

Ingestion: Not a likely route if proper handling is observed. Consult a physician.

Section 9: PREPARATION INFORMATION

DATE: April 5, 2013
PREPARED BY: THERMOSEAL

REVISION 2

Section 10: REGULATORY INFORMATION

WHMIS CLASSIFICATION: Not controlled
TDG (TRANSPORTATION OF DANGEROUS GOODS) CLASSIFICATION: Not regulated
Class: Not regulated
Domestic Substance List (DSL): Yes