

Section 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Wrapsulate Part B
Chemical Name: Polymeric Resin
Manufacturer: Elastochem Specialty Chemicals Inc.
37 Easton Road
Brantford, Ontario N3P 1J4
Phone (519) 754-1678 Fax (519) 754-4487
Supplied by: Elastochem Specialty Chemicals Inc.
Emergency Telephone #: Chemtrec Emergency Number: 800-424-9300
Intended use of Product: Component of a Foam Insulation System

Section 2: COMPOSITION, INFORMATION ON INGREDIENTS

Ingredient	% (w/W)	CAS #	Exposure Limit	LD50/LC50
Dimethylamino ethoxyethanol	1-5%	1704-62-7	Not available	2337mg/kg (rat-oral) / 1000mg/l 4hr (rat-inhalation)
1,3-Propane diamine N'-(3-(dimethylamino) propyl)- N,N-dimethyl	1-5%	6711-48-4	Not available	>1.25g/kg (rat-oral) / Not determined
Polyoxypropylen ediamine	1-5%	9046-10-0	Not available	2885.3mg/kg (rat-oral) / >0.74mg/l

Consult local authorities for acceptable exposure limits

Section 3: HAZARDS IDENTIFICATION

Routes of Exposure: Inhalation, skin contact, eye contact.

Acute Effects:

Skin Contact- May cause severe skin irritation.

Eye Contact - May cause severe eye irritation.

Ingestion - May be harmful if swallowed.

Inhalation- May irritate the respiratory tract and lungs, cause sore throat, and tightness of chest.

Chronic Effects: May cause severe skin and eye irritation and adverse respiratory effects.

See toxicological information (section 11)

Section 4: FIRST AID MEASURES

Skin: Wash area with soap and water, seek medical attention if irritation develops.

Eyes: Immediately flush thoroughly with water for at least 15 minutes. Get prompt medical attention.

Wrapsulate PART B

Inhalation: Remove victim to fresh air; give artificial respiration if not breathing. Seek medical attention.

Ingestion: Wash mouth out with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. Do not induce vomiting. Seek medical attention immediately.

Section 5: FIRE FIGHTING MEASURES

Extinguishing Media: Use water spray, foam, dry chemical, or CO₂. Water spray to cool fire-exposed containers.

Fire Fighting Procedures: Wear self-contained breathing apparatus is required in confined spaces. Cool exposed containers with water.

Flash Point (°C): > 141 (PMCC)

Lower Explosion Limit: Not available

Upper Explosion Limit: Not available

Auto Ignition Temperature: Not available

Hazardous Combustion Products: Oxides of carbon and nitrogen.

Sensitivity to Mechanical Impact: No

Sensitivity to Static Discharge: No

Section 6: ACCIDENTAL RELEASE MEASURES

Spill Procedure: Evacuate the area of all unnecessary personnel. Ventilate area. Dike the spill to prevent entry into water system. Wear suitable protective equipment listed under preventative measures including respiratory protection. Use inert absorbent material to clean up spill.

Section 7: HANDLING AND STORAGE

Handling & Storage: Store away from heat and moisture. Store and handle in a well ventilated area. Wear all personal protective equipment when handling.

Special shipping Information: None

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTIONS

Personal Protection:

Respiratory Protection: Use in adequate ventilation. Spraying increases the risk of hazardous exposure. If material is sprayed, heated or exceeding the exposure limit workers should avoid contact with aerosols through proper engineering controls such as exhaust ventilation and proper protective equipment such as a full face air supplied respirators.

Skin Protection: Wear neoprene or butyl rubber gloves, boots and long sleeves are recommended.

Eye protection: Chemical safety goggles or glasses with side shields.

Ventilation: Adequate ventilation to maintain levels below exposure guidelines.

Eye wash and safety equipment should be readily available.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Odour: Light ammonia
Appearance: Clear/Amber liquid
Odour threshold: no data
Specific Gravity (H2O = 1): 1.1 @ 25°C
Freezing Point: 0°C
Viscosity: 500 cps @20°C
Boiling Pt: 212°C
Vapor Pressure (mm Hg) : Not available
Percent Volatile by vol (%): 1-10% (H₂O)
Vapor Density (Air = 1). . : Not available
Evaporation Rate (BuAc = 1): Not available
Solubility in Water (%) : Miscible

Section 10: STABILITY AND REACTIVITY

Chemical Stability: Stable at room temperature and normal processing conditions.
Conditions to avoid: High temperature, sparks and open flames.
Incompatibility (Materials to avoid): Reacts with strong acids and isocyanates.
Hazardous Decomposition products: oxides of nitrogen and carbon.
Hazardous Polymerization: Polymerization may occur with contact with isocyanates.

Section 11: TOXICOLOGICAL INFORMATION

LD50: Not available
LD50: Dermal-rabbit: Not available
Carcinogenicity: Not available
Teratogenicity/Reproductive effects: Not available
Mutagenicity: Not available.
Name of toxicologically synergistic products: Not available

Section 12: ECOLOGICAL INFORMATION

No ecological information available.

Section 13: DISPOSAL CONSIDERATIONS

Disposal Procedure:
Comply with Federal, provincial, and local regulations on reporting releases.
Consult your local or regional authorities.

Section 14: TRANSPORT INFORMATION

TDG (TRANSPORTATION OF DANGEROUS GOODS) CLASSIFICATION: Not Regulated
Class: Not Regulated

Section 15: REGULATORY INFORMATION

WHMIS CLASSIFICATION: D2B
Domestic Substance List (DSL): No

Section 16: OTHER INFORMATION

References: Canadian Guide of the Law and Regulations of the Transportation of Dangerous Goods. Controlled products regulations. Manufacturer's Material Safety Data Sheet. This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

Other special considerations: No additional remark

Regulatory Affairs Department: 519-754-1678

DATE: May 1, 2017

REVISION 1

PREPARED BY: Regulatory Affairs group,
Elastochem Specialty Chemicals Inc.