

Material Safety Data Sheet

Section 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Enviroliner BDL3 Part B
 Chemical Name: Mixture
 Manufacturer/Supplier: Dominion Sure Seal Ltd
 6175 Danville Road,
 Mississauga, Ontario L5T 2H7
 Phone (905) 670-5411 Fax (905) 670-5174
 Emergency Telephone #: CANUTEC (24HR): (613) 996-6666
 Intended use of Product: Polyurethane Curative

Section 2: HAZARDOUS INGREDIENTS OF PRODUCT

Ingredient	Approximate Concentration	CAS #	Exposure Limits	LD50/LC50
Diethyltoluene diamine	20-30%	68479-98-01	Not available	Not Available
Modified Poly amine	40-60%	9046-10-0	Not available	LD50 480mg/KG Oral rat
Aspartic ester	20-30%	Not applicable	Not available	LD50 >2000mg/Kg Oral rat

Section 3: HAZARD IDENTIFICATION

Routes of Entry: Skin contact, eye contact, ingestion, inhalation.

Acute Effects: Skin Contact- Causes irritation, reddening or Swelling and chemical burns.
 Eye Contact - Causes irritation, tearing, reddening and swelling and chemical burns. May cause permanent damage to the eyes.
 Ingestion - Causes burning of the mouth, digestive tract and stomach.
 Inhalation- Mists/Vapours above exposure limits may cause irritation of the mucous membranes of the respiratory tract. May cause sore throat, coughing, chest discomfort and difficulty breathing.

Chronic Effects: Repeated skin contact may cause persistent irritation or dermatitis. Repeated overexposure may cause lung damage

Section 4: FIRST AID MEASURES

Skin: Clean exposed area with soap and water. Remove contaminated clothing. Get medical attention if irritation develops.

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

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

Ingestion: Do not induce vomiting. Give 2 glasses of water awake and alert. Keep person warm, quiet and medical attention immediately.

Section 5: FIRE FIGHTING MEASURES

Means of Extinction: AFFF Foam, Carbon Dioxide, Dry chemical, and Water.

Special Procedures: None

Flashpoint: 342.0 °F

Lower Explosion Limit: None

Upper Explosion Limit: None

Auto Ignition Temperature: N/A

Hazardous Combustion Products: Oxides of carbon and nitrogen, and amines.

Sensitivity to Mechanical Impact: No

Sensitivity to Static Discharge: No

Section 6: ACCIDENTAL RELEASE MEASURES**Spill or Leak 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.

Section 7: HANDLING AND STORAGE

Handling: Store product at room temperature in a dry location.

Storage: Handle in a well ventilated area with local exhaust. Wear all personal protective equipment.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**Personal Protective equipment:**

Eye: Safety glasses,

Skin: chemical resistant gloves, and protective clothing.

Respiratory: A standard dust mask is necessary however as there are air borne dust particles a NIOSH-MSHA respirator is suggested.

Engineering controls: Local exhaust ventilation is recommended.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Odour: Amine Odour	Vapour Density: N/A
Appearance: Black or other Colour	Evaporation Rate: NIL
Physical State: liquid	Solubility in Water: NIL
Odour Threshold: NIL	% Volatile by Volume: 0%
Specific Gravity: 0.97g/mL	Vapour Pressure: None
Freezing Point: N/A	Boiling Point: N/A
Viscosity: 300-900 cps	pH: N/A
N/A - Not Available	

Section 10: STABILITY AND REACTIVITY

Chemical Stability: This is a stable material
Conditions to avoid(if unstable): None
Incompatibility (Materials to avoid): Oxidizing materials, halogens, isocyanates, and acids.
Hazardous decomposition Products: By fire oxides of nitrogen and carbon, aldehydes and ketones and toxic levels of ammonia.
Hazardous Polymerization: Will not occur.

Section 11: TOXICOLOGICAL INFORMATION

Exposure Limits: Not Available
 LD50: (Oral, rat) = 1542 mg/kg
 LD50: (Dermal, rabbit) = 1700mg/Kg
Irritancy of Product: Moderate
Sensitization of Product: Unknown
Carcinogenicity: This product may have carcinogenic effects.
Teratogenicity: This product does not have teratogenicity effects.
Reproductive Toxicity: This product does not have reproductive effects.
Mutagenicity: This product does not have mutagenic affects.
Name of toxicologically synergistic products: None

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity: Not determined
Mobility: Not determined
Persistence and Degradability: Not determined
Bioaccumulative potential: Not determined
Other adverse effects: Not determined

Section 13: DISPOSAL CONSIDERATIONS

Disposal Procedure:

Comply with Federal, provincial, and local regulations on reporting releases.

Section 14: TRANSPORTATION INFORMATION

TDG : Amines, Liquid, Corrosive N.O.S. (Polyetherdiamine)

UN #: 2735

Class: 8

PG: II

Section 15: REGULATORY INFORMATION

WHMIS CLASSIFICATION: D-2B, E

Domestic Substance List (DSL): Yes

Section 16: OTHER INFORMATION

DATE: June 1, 2010

REVISION 0

PREPARED BY: Regulatory Affairs group,

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