

Material Safety Data Sheet

Section 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: ENVIROLINER BDL3 Part A
 Chemical Name: Stripped Aliphatic Polyurethane
 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 Coating

Section 2: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	Approximate Concentration	CAS No.	Exposure Limits	LD50/LC50
Homopolymer of HDI	70-100%	28182-81-2	Not Available	LD >10 000 mg/Kg oral rat LC50 1650-2000mg/m3 oral rat

Section 3: HAZARD IDENTIFICATION

Routes of Entry: Eye contact, Skin contact, Ingestion, Inhalation.

Acute Effects:

Eye Contact: Causes redness, irritation and may cause corneal burns.

Skin Contact: May cause irritation, rash, or blistering.

Inhalation: Irritating to the nose, throat, and respiratory tract.

Ingestion: May cause irritation and burning of the gastrointestinal tract. Can cause sore throat, abdominal pain, nausea and vomiting

Chronic Effects: Prolonged and repeated contact may lead to reddening, swelling, rash, scaling and possibly skin sensitization.

Section 4: FIRST AID MEASURES

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

Eyes: Immediately flush thoroughly with water for at least 20 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. If person is alert give 1-2 cups of water or milk. 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: Fire Fighters should be equipped with Self-contained breathing apparatus and full protective clothing. Cool containers with water spray to prevent build up of heat.

Flashpoint: >200°C

Lower Explosion Limit: None

Upper Explosion Limit: None

Auto Ignition Temperature: >350°C

Hazardous Combustion Products: May produce oxides of nitrogen and carbon.

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 and inhalation of vapours. Evacuate the area of all unnecessary personnel. Eliminate all ignition sources (flares, flames and electrical sparks) Ventilate area. 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: Avoid skin and eye contact. Handle in a well ventilated area with local exhaust. Wear all personal protective equipment.

Storage: Store in a tightly closed container to prevent moisture contamination. Store at room temperature to prevent freezing.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment:

Eye: Splash proof chemical goggles.

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

Skin: Chemical resistant protective gloves.

Engineering controls: Local exhaust ventilation is recommended.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Odour: Slight Odour	Vapour Density: N/A
Appearance: Clear liquid	Evaporation Rate: N/A
Physical State: liquid	Solubility in Water: NIL
Odour Threshold: N/A	%Volatile by Volume: 0%
Specific Gravity: 1.2 g/mL	Boiling Point: >250°C
Freezing Point: No Data	pH: N/A
Viscosity: 800-1400cps	Vapour Pressure: N/A

N/A - Not Available

Section 10: STABILITY AND REACTIVITY

Chemical Stability: Product is stable under normal conditions.

Conditions to avoid(if unstable):

Incompatibility (Materials to avoid):Moisture, amines, strong bases and alcohols.

Hazardous decomposition Products: Trace amounts of Hydrogen cyanide and oxides of carbon and nitrogen with combustion.

Hazardous Polymerization: May occur with temperatures above 204°C or with contact with moisture.

Section 11: TOXICOLOGICAL INFORMATION

LD50: (Oral, rat) = >10 000 mg/kg

LD50: (Dermal, rabbit) = >5000 mg/kg

Synergistic Materials: None Known

Carcinogenicity: This product is not classified as carcinogenic by ACGIH and IARC

Teratogenicity: This product does not have teratogenicity effects.

Reproductive Effects: This product does not have reproductive effects.

Mutagenicity: This product does not have mutagenic effects.

Section 12: ECOLOGICAL INFORMATION

Biodegradability: Not Available

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 (TRANSPORATION OF DANGEROUS GOODS) CLASSIFICATION: Not Regulated
Class:

Section 15: REGULATORY INFORMATION

WHMIS CLASSIFICATION: D-2B
Domestic Substance List (DSL): Yes

Section 16: OTHER INFORMATION

DATE: June 1, 2010 **REVISION** 0
PREPARED BY: Regulatory Affairs group.

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