

MATERIAL SAFETY DATA SHEET

SECTION I – PRODUCT AND MANUFACTURING IDENTIFICATION

Product Name: Elephant Hide
Product Code: BEH Part-A
Chemical Name: Polyurethane
Manufacturer: Diminon Sure Seal Ltd.
6175 Danville Road,
Mississauga, Ontario L5T 2H7
Phone: (905)670-5411
Fax: (905)670-5174
Emergency Telephone: CANUTEC 613-996-6666
Intended Use of Product: Polyurethane Crosslinker

SECTION II – HAZARDOUS INGREDIENTS OF PRODUCTS

Ingredient	Approximate Concentration	CAS #	Exposure Limits	LD50/LC50
Methylene Bisphenyl Isocyanate	10%-30%	101-68-8	0.005ppm TLV ACGIH	Not established

SECTION III – PHYSICAL PROPERTIES FOR PRODUCT

Odour: Odourless
Appearance: Clear Amber Liquid
Physical State: liquid
Odour Threshold: 0.005ppm
Specific Gravity: 1.20g/mL
Freezing Point: 0C
Viscosity: 400-800cps
Vapour Pressure: 0.000005mm Hg @ 20°C

Vapour Density: No Data
Evaporation Rate: NIL
Solubility in Water: NIL
% Volatile by Volume: NIL
Boiling Point: 245°C

SECTION IV – FIRE AND EXPLOSION HAZARD OF PRODUCT

Means of Extinction: AFFF Foam, Carbon Dioxide, Dry chemical, and Water
Special Procedures: None
Flashpoint: 255°C

Lower Explosion Limit: No Data
Upper Explosion Limit: No Data
Auto Ignition Temperature: 600°C
Hazardous Combustion Products: May produce traces of hydrogen cyanide.
Sensitivity to Mechanical Impact: No
Sensitivity to Static Discharge: No

SECTION VI – HEALTH HAZARD INFORMATION

Acute Effects: See below
Chronic Effects: See below
LD50: (Oral, rat) = 5803mg/kg
LD50: (Dermal, rabbit) = 9g/kg
Eyes: Causes redness and irritation.
Skin: May result in skin irritation.
Inhalation: May irritate respiratory tract, sore throat, choking and tightness of chest. MDI is a respiratory sensitizer.
Ingestion: None reported, not a likely source of entry.
Synergistic Materials: None Known
Carcinogenicity: This product is not classified as carcinogenic by ACGIH and IARC
Teratogenicity/ Reproductive Effects: This product does not have teratogenicity effects.
Mutagenicity: This product does not have mutagenic effects.

SECTION VII – PREVENTATIVE MEASURES

Personal Protection: Organic filter respirator for spray applications is required.
Ventilation: Local exhaust ventilation is recommended.
Leak and Spill Procedures: Cover spills with inert absorbent material. Wear full protective equipment and saturate spill with neutralizing solution (1% ammonia in water + 10% isopropanol in water) and then ventilate the area.
Waste Disposal: In accordance with local, provincial and federal regulations.
Storage and Handling Requirements: Store in a cool, well ventilated area. Keep away from heat, sparks, and flames. Use personal protective equipment.

SECTION VIII – EMERGENCY AND FIRST AID PROCEDURES

Skin: Clean exposed area with a clean cloth followed by isopropanol, soap and water for 20 minutes. Get medical attention.
Eyes: Immediately flush with running water for 20 minutes. Hold eyelids open during flushing. Get medical attention.
Inhalation: Move victim to fresh air. Aid or restore breathing if necessary. Get medical attention.

Ingestion: Do not induce vomiting. If victim is alert rinse mouth and give 1 glass of water or milk to dilute material. Get medical attention immediately.

SECTION IX – REGULATORY INFORMATION

WHMIS Classification: D-1A, D-2A, D-2B

**TDG (Transportation of Dangerous Goods) Classification: P.I.N. : None
Class: Not regulated**

Domestic Substance List (DSL): Yes

SECTION X - PREPARATION INFORMATION

Date: June 1, 2010

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Prepared By: Regulatory Affairs Group
