



# GPI

## Glotrax Polymers Inc.

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## Material Safety Data Sheet

**Manufactured and Supplied By:**

GLOTRAX INC.  
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RR#2 Warkworth,  
Ontario, Canada K0K 3K0  
Tel: 905-344-1166 Fax: 905-344-5991  
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**Prepared by:** Nancy Glover

**Name of Product:** Flextrax Part A

**Emergency Phone Number:**  
(613) 996-6666

### SECTION 1 - Ingredients

INGREDIENTS:	%	CAS#	TLV ppm
Methylene Bisphenyl Isocyanate	5 - 7	101-68-8	0.005 ppm TLV ACGIH

### Section 2 - Physical Data

<b>Product Identifier:</b>	Prepolymer (Resin)
<b>Physical State:</b>	Liquid
<b>Odour and Appearance:</b>	Clear Amber, Slight Odour
<b>Odour Threshold:</b>	Not Available
<b>Specific Gravity:</b>	1.08
<b>Vapour Pressure:</b>	0.00005 mm HG at 20°C for the DMI
<b>Evaporation Rate:</b>	Not Available
<b>Boiling Point:</b>	245°C
<b>Flash Point:</b>	255°C
<b>Auto Ignition Point:</b>	400°C

### Section 3 - Toxicological Properties

<b>Routes of Entry:</b>	Eyes, Skin, Inhalation
<b>Effects of Acute Exposure:</b>	
<b>Eyes:</b>	Causes redness and irritation.
<b>Skin:</b>	May result in skin irritation.
<b>Inhalation:</b>	May irritate respiratory track, sore throat, choking and tightness of chest. MDI is a respiratory sensitizer.
<b>Ingestion:</b>	None reported, not a likely source of entry.
<b>Animal Data:</b>	LD50 (oral, rat) = 4.56 g/kg, LD50 (dermal, rabbit) – 10 g/kg. LC50 (inhalation, mouse) = 400 mg/m
<b>Carcinogens:</b>	This product is not classified as carcinogenic by ACGIH.
<b>Mutagens:</b>	This product does not have mutagenic/reproductive/teratogenic and fetotoxic effects.

### Section 5 – First Aid

<b>Eyes:</b>	Flush with plenty of water for at least 20 minutes. Hold eyelids open during flushing. Get Prompt medical attention.
<b>Skin:</b>	Wipe off excess with clean cloth followed by isopropanol, soap and water for 20 minutes. Get medical attention.
<b>Inhalation:</b>	Remove to fresh air. Aid or restore breathing if necessary. Get medical attention.
<b>Ingestion:</b>	<b>Do not induce vomiting.</b> If victim is alert rinse mouth and give one glass of water or milk to dilute material. Get medical attention immediately.

#### Section 4 - Preventative Measures

**Eyes:** Use chemical safety glasses. Contact lenses should not be worn when handling any Chemicals.

**Skin:** Impervious rubber gloves.

**Inhalation:** Normal ventilation should be sufficient. If respiratory protection is required use an approved air-purifying or positive-pressure supplied-air respirator

**Engineering Controls:** Good general mechanical ventilation and local exhaust.

**Leak/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:** Dispose of in accordance with all local, provincial/state and federal regulations

**Handling Procedures:** **Store in a cool, well ventilated area. Keep away from heat, sparks and flames. Use personal protective equipment.**

#### Section 6 - Reactivity Data

**Stability:** Stable at ambient temperatures and pressure.

**Incompatibility (Materials to Avoid):** Water, strong oxidizing agents and active hydrogens.

**Conditions to Avoid:** Elevated temperatures, pressures, sparks and open flames.

**Hazardous Polymerization:** Will not occur.

**Decomposition Products:** Oxides of carbon and nitrogen and trace hydrogen cyanide.

#### Section 7 - Fire / Explosion Hazard

**Means of Extinction:** AFFF Foam, carbon dioxide, dry chemical, water

**Flash Point:** 255°C

Explosion Data: Sensitive to mechanical impact: NO DATA  
Sensitive to static discharge: NOT DATA

**Unusual Hazards:** **During a fire, Methylene Bisphenyl Isocyanate (MDI) vapours may be generated by thermal decomposition of combustion.**

#### Section 8 - Other Information

Shipping Information: TDG: Not Regulated  
WHMIS: D2A

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