



Material Safety Data Sheet

Bullet Liner, Inc.
100 Enterprise Drive
Cartersville, GA 30120
(770) 607-0755

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Original Date: 09/05/2006
Revision Date: 09/21/2010

EMERGENCY TELEPHONE: (800) 424-9300 CHEMTREC
(770) 607-0755 (Burtin Polymer Labs)
BOTH NUMBERS ARE AVAILABLE DAYS, NIGHTS, WEEKENDS, & HOLIDAYS

SECTION 1 – PRODUCT INFORMATION

BL1 SERIES RESIN

Common Chemical Name: Resin

Chemical family: resin

Synonyms: URETHANE SYSTEM RESIN COMPONENT

SECTION 2 – INGREDIENTS

<u>Components</u>	<u>CAS Number</u>	<u>Approx%</u>	<u>Current TLV/PEL</u>
Hydroxyl Terminated Poly (Oxyalkylene) Polyether	9082-00-2	95	N.E.

SECTION 3 – HAZARDS IDENTIFICATION

Emergency overview

CAUTION: MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION.
MAY CAUSE LIVER DAMAGE BASED ON ANIMAL DATA.
INGESTION MAY CAUSE GASTRIC DISTURBANCES.
CONTAINS MATERIAL WHICH CAN CAUSE CENTRAL NERVOUS SYSTEM DAMAGE.
SENSITIZER.
MAY BE HARMFUL IF ABSORBED THROUGH SKIN.
MAY BE HARMFUL IF SWALLOWED.

Potential health effects

Primary routes of exposure

Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquified gases.

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SECTION 3 – HAZARDS IDENTIFICATION (continued)

Acute toxicity:

Ingestion may cause gastrointestinal disturbances.

Irritation:

Irritating to respiratory system. Irritating to eyes and skin.

Information on: Polyol

Contact with the eyes and skin may result in irritation.

Repeated dose toxicity:

Medical conditions aggravated by overexposure:

Individuals with pre-existing diseases of the skin, respiratory disorders or impaired function for the liver/kidneys may have increased susceptibility to excessive exposures.

SECTION 4 – FIRST AID MEASURES

General advice:

Remove contaminated clothing.

If inhaled:

Remove the affected individual into fresh air and keep the person calm. Assist in breathing if necessary. Immediate medical attention required.

If on skin:

Wash affected areas thoroughly with soap and water. Immediate medical attention required.

If in eyes:

In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water. Immediate medical attention required.

If swallowed:

Rinse mouth and then drink plenty of water. Do not induce vomiting. Immediate medical attention required.

Note to physician

Antidote: Administration of ethanol may counteract the effects of ethylene glycol, such as metabolic acidosis and renal damage. 4-Methylpyrazole (a competitive inhibitor of alcohol dehydrogenase) can be used as an antidote in ethylene glycol poisoning.

SECTION 5 – FIRE FIGHTING MEASURES

Flash point: 126 °C (closed cup)

Auto ignition: No data available.

Suitable extinguishing media:

water, dry extinguishing media, carbon dioxide, foam

Hazards during fire-fighting:

No particular hazards known.

Protective equipment for fire-fighting:

Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

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SECTION 6 – ACCIDENTAL RELEASE MEASURES

Environmental precautions:

This product is regulated by CERCLA ('Superfund').

Cleanup:

Spills should be contained, solidified, and placed in suitable containers for disposal.

SECTION 7 – STORAGE AND HANDLING

Handling

Protection against fire and explosion:

No explosion proofing necessary.

Storage

General advice:

No special precautions necessary.

Storage stability:

Storage temperature: 70 - 80 °F
Protect against moisture.

SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

Advice on system design:

Provide local exhaust ventilation to control vapors/mists.

Personal protective equipment

Respiratory protection:

Wear a NIOSH-certified (or equivalent) organic vapor/particulate respirator as needed.

Hand protection:

Chemical resistant protective gloves

Eye protection:

Wear face shield or tightly fitting safety goggles (chemical goggles) if splashing hazard exists.

General safety and hygiene measures:

Avoid contact with skin. Wear protective clothing as necessary to prevent contact. Avoid inhalation of vapors/mists. Handle in accordance with good industrial hygiene and safety practice.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Form:	liquid	
Odor:	faint odor, amine-like	
Color:	black	
pH value:	> 7	
Bulk density:	8.5 lb/USg	(25 °C)

Viscosity, dynamic: 500 mPa.s (20 °C)
Miscibility with water: slightly soluble

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SECTION 10 – STABILITY AND REACTIVITY

Conditions to avoid:

> 80 degrees Fahrenheit
Avoid moisture.

Decomposition products:

carbon monoxide, carbon dioxide

Thermal decomposition:

No data available.

Corrosion to metals:

No corrosive effect on metal.

SECTION 11 – TOXICOLOGICAL INFORMATION

No data available.

SECTION 12 – ECOLOGICAL INFORMATION

No data available.

SECTION 13 – DISPOSAL CONSIDERATION

Waste disposal of substance:

Incinerate in a licensed facility.
Do not discharge substance/product into sewer system.
Dispose of in a licensed facility.

Container disposal:

Steel drums must be emptied and can be sent to a licensed drum reconditioner for reuse, a scrap metal dealer or an approved landfill. Refer to 40 CFR § 261.7 (residues of hazardous waste in empty containers). Decontaminate containers prior to disposal. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers.

SECTION 14 – TRANSPORTATION INFORMATION

Land transport

USDOT

Not classified as a dangerous good under transport regulations

Sea transport

IMDG

Not classified as a dangerous good under transport regulations

Air transport

IATA/ICAO

Not classified as a dangerous good under transport regulations

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SECTION 15 – REGULATORY INFORMATION

Federal Regulations

Registration status:

TSCA, US released / listed

State regulations

N/A

SECTION 16 – OTHER INFORMATION

HMIS III rating

Health: 1 Flammability: 1 Physical hazard: 1

HMIS uses a numbering scale ranging from 0 to 4 to indicate the degree of hazard. A value of zero means that the substance possesses essentially no hazard; a rating of four indicates high hazard.

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