
Safety Data Sheet

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BUMPER SPECIALTIES, INC.
1607 IMPERIAL WAY
WEST DEPTFORD NJ 08066-1816

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Section 1 – PRODUCT INFORMATION

POLYURETHANE

Product ID: NPU ARTICLE
Common Chemical Name:
NONE

Synonyms:
POLYURETHANE

Molecular Formula:
MIXTURE

Chemical Family: Polyurethane
Molecular Wt.: NOT ESTABLISHED

Section 2 – INGREDIENTS

Chemical Name:	CAS	Amount
Urethane	Proprietary	100.0%
PEL/TLV NOT ESTABLISHED		

Section 3 – HAZARDS IDENTIFICATION

Emergency Overview

Color: NOT AVAILABLE
Form/Appearance: Solid
Odor: NOT AVAILABLE

WARNING STATEMENT:

NONE

CONTACT WITH THE EYES AND SKIN MAY CAUSE IRRITATION. INHALATION MAY RESULT IN IRRITATION.

Potential Health Effects

Primary Routes of Exposure:

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

Acute Overexposure Effects:

Contact with the eyes and skin may result in irritation.
Overexposure to dusts from the foam may cause mechanical irritation of the eyes, skin and respiratory tract. Burning of polyurethane foams may result in the generation of combustion products including CO, CO₂, and hydrogen cyanide. Inhalation of these and other chemicals may result in severe irritation, difficulty breathing, asphyxiation and unconsciousness.

SECTION 3 – HAZARDS IDENTIFICATION (cont)

Chronic Overexposure Effects:

In a repeated dose inhalation study, pulmonary lesions and two cancers were reported among a small number of rats exposed to airborne concentrations of 3.6 and 20 mg/m³ polyurethane foam dust. A later study using larger numbers of animals did not show any effects, other than inflammation, at concentrations as high as 20 mg/m³. The significance of the results of the earlier study with respect to human exposure is unknown.

First Aid Procedures – Aggravated Medical Conditions:

No data is available which addresses medical conditions that are generally recognized as being aggravated by exposure to this product. Please refer to the effects of overexposure section for effects observed in animals.

SECTION 4 – FIRST AID MEASURES

First Aid Procedures – Skin:

Wash affected areas with soap and water. Remove and launder contaminated clothing before reuse. Get immediate medical attention.

First Aid Procedures – Eyes:

Immediately rinse eyes with running water for 15 minutes. Get immediate medical attention.

First Aid Procedures: Ingestion:

If swallowed, dilute with water. DO NOT INDUCE VOMITING. Never give fluids or induce vomiting if the victim is unconscious or having convulsions. Get immediate medical attention.

First Aid Procedures – Inhalation:

Move to fresh air. Aid in breathing, if necessary, and get immediate medical attention.

First Aid Procedures – Notes to Physicians:

None known.

First Aid Procedures – Aggravated Medical Conditions:

No data is available which addressed medical conditions that are generally recognized as being aggravated by exposure to this product. Please refer to the effects of overexposure section for effects observed in animals.

First Aid Procedures – Special Precautions:

None.

SECTION 5 – FIRE FIGHTING MEASURES

	Typical	Low/High	Deg.	Method
Flash Point:	NOT AVAILABLE			
Auto ignition:	NOT AVAILABLE			

Extinguishing Media:

Use CO₂ or dry chemical extinguishing media.

SECTION 5 – FIREFIGHTING MEASURES (cont)

Fire Fighting Procedures:

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

Unusual Hazards:

There are no known unusual fire or explosion hazards.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

General:

Not applicable.

SECTION 7 – STORAGE AND HANDLING

General:

Avoid breathing dust.

Other Storage and Handling Data:

No other specific storage requirements.

SECTION 8 – PERSONAL PROTECTION

Clothing:

When mechanically working this product, protective clothing is useful to prevent skin irritation if there is a potential for airborne dust exposures in excess of the applicable limits.

Eyes:

Safety glasses with side shields recommended. Good safety and industrial hygiene practices should be followed.

Respiration:

If dust or mists are generated, wear an approved dust/mist respirator.

Ventilation:

No special precautions required. General exhaust ventilation should be used as needed to prevent irritation and avoid dust accumulation.

Explosion Proofing:

None required.

Other Personal Protection Data:

Avoid contact with skin as required by good normal hygiene practices.

SECTION 9 – PHYSICAL PROPERTIES

Color: NOT AVAILABLE

Form/Appearance: Solid

Odor: NOT AVAILABLE

Odor Intensity: Slight

	Typical	Low/High	U.O.M.
Specific Gravity:	NOT AVAILABLE		
pH:	NOT AVAILABLE		

	Typical	Low/High	Deg.	@	Pressure
Boiling Pt:	NOT AVAILABLE				
Freezing Pt:	NOT AVAILABLE				
Decomp. Tmp:	NOT AVAILABLE				

Freezing Pt: NOT AVAILABLE

Decomp. Tmp: NOT AVAILABLE

Solubility in Water Description: Insoluble

SECTION 10 – STABILITY AND REACTIVITY

Stability Data

Stable

Incompatibility:

None known.

Conditions/Hazards to Avoid:

Avoid excessive heat and ignition sources.

Hazardous Decomposition/Polymerization:

Hazardous Decomposition Products: CO, CO₂, HCN, Ketones, ethers and esters.

Corrosive Properties:

Not Corrosive.

Oxidizer Properties:

Not an oxidizer

Other Reactivity Data:

None known.

SECTION 11 – TOXICOLOGICAL INFORMATION

No applicable data for this section.

SECTION 12 – ECOLOGICAL INFORMATION

No applicable data for this section.

SECTION 13 - DISPOSAL CONSIDERATION

Waste Disposal:

Dispose of in accordance with Federal, State and local regulations. Incinerate or bury in a licensed facility. Do not discharge into waterways or sewer systems without proper authority.

Container Disposal:

Recycle, incinerate or bury in a licensed facility.

SECTION 14 – TRANSPORTATION INFORMATION

No applicable data for this section.

SECTION 15 – REGULATORY INFORMATION

TSCA Inventory Status:

Listed on inventory: YES

RCRA Haz. Waste No.: N/A

CERCLA: NO **Reportable Qty.:** (if YES)

SARA TITLE III;SECTION 313: NOT LISTED

SECTION 16 – OTHER INFORMATION

Hazard Ratings:

Bumper Specialties Inc. currently uses the National Paint & Coating Association (NPCA) rating system. The use of an Asterisk (*) in the HMIS rating indicates the potential for chronic health effects.

	Health:	Fire:	Reactivity:	Specials:
HMIS	1	1	0	NA

SECTION 16 – OTHER INFORMATION (cont)

This product is not hazardous according to the OSHA Hazard Communication Standard.

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END OF DATA SHEET