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

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Urethane</td>
<td>Proprietary</td>
<td>100.0%</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color</td>
<td>NOT AVAILABLE</td>
</tr>
<tr>
<td>Form/Appearance</td>
<td>Solid</td>
</tr>
<tr>
<td>Odor</td>
<td>NOT AVAILABLE</td>
</tr>
<tr>
<td>Odor Intensity</td>
<td>Slight</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>NOT AVAILABLE</td>
</tr>
<tr>
<td>pH</td>
<td>NOT AVAILABLE</td>
</tr>
<tr>
<td>Typical</td>
<td>Low/High</td>
</tr>
<tr>
<td>Boiling Pt</td>
<td>NOT AVAILABLE</td>
</tr>
<tr>
<td>Freezing Pt</td>
<td>NOT AVAILABLE</td>
</tr>
<tr>
<td>Decomp. Tmp</td>
<td>NOT AVAILABLE</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>Insoluble</td>
</tr>
<tr>
<td>Description:</td>
<td></td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th></th>
<th>Health</th>
<th>Fire</th>
<th>Reactivity</th>
<th>Specials</th>
</tr>
</thead>
<tbody>
<tr>
<td>HMIS</td>
<td>1</td>
<td>1</td>
<td>0</td>
<td>NA</td>
</tr>
</tbody>
</table>

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

“IMPORTANT: WHILE THE DESCRIPTIONS, DESIGNS, DATA AND INFORMATION CONTAINED HEREIN ARE PRESENTED IN GOOD FAITH AND BELIEVED TO BE ACCURATE, IT IS PROVIDED FOR YOUR GUIDANCE ONLY. BECAUSE MANY FACTORS MAY AFFECT PROCESSING OR APPLICATION/USE, WE RECOMMEND THAT YOU MAKE TESTS TO DETERMINE THE SUITABILITY OF A PRODUCT FOR YOUR PARTICULAR PURPOSE PRIOR TO USE. NO WARRANTIES OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE MADE REGARDING PRODUCTS DESCRIBED OR DESIGNS, DATA OR INFORMATION SET FORTH, OR THAT THE PRODUCTS, DESIGNS, DATA OR INFORMATION MAY BE USED WITHOUT INFRINGING THE INTELLECTUAL PROPERTY RIGHTS OF OTHERS. IN NO CASE SHALL THE DESCRIPTIONS, INFORMATION, DATA OR DESIGNS PROVIDED BE CONSIDERED A PART OF OUR TERMS AND CONDITIONS OF SALE. FURTHER, YOU EXPRESSLY UNDERSTAND AND AGREE THAT THE DESCRIPTIONS, DESIGNS, DATA, AND INFORMATION FURNISHED BY BASF HEREUNDER ARE GIVEN GRATIS AND BASE ASSUMES NO OBLIGATION OR LIABILITY FOR THE DESCRIPTION, DESIGNS, DATA AND INFORMATION GIVEN OR RESULTS OBTAINED, ALL SUCH BEING GIVEN AND ACCEPTED AT YOUR RISK”. BUMPER SPECIALTIES INC. WILL NOT MAKE ITS PRODUCTS AVAILABLE TO CUSTOMERS FOR USE IN THE MANUFACTURE OF MEDICAL DEVICES WHICH ARE INTENDED FOR
PERMANENT IMPLANTATION IN THE HUMAN BODY OR IN PERMANENT CONTACT WITH INTERNAL BODILY TISSUES OR FLUIDS. WE AT BUMPER SPECIALTIES TAKE PRIDE IN OUR PRODUCTS, AND OUR TRADITION OF DEVELOPING INNOVATIVE APPLICATIONS IN PARTNERSHIP WITH OUR CUSTOMERS. HOWEVER, THE POSSIBILITY OF BEING REQUIRED TO RESPOND TO UNFOUNDED LITIGATION AND/OR CLAIMS ARISING OUT OF THE CONCERNS RELATING TO SUCH USE PRESENTS AN UNACCEPTABLE RISK TO THE COMPANY.

END OF DATA SHEET