



## **Material Safety Data Sheets for Cured Bullet Liner Material**

### **1. SUBSTANCE/PREPARATION AND COMPANY IDENTIFICATION**

#### **Company:**

Burtin Polymer Labs  
100 Enterprise Dr  
Cartersville, GA 30120  
770-607-0755

#### **24 Hour Emergency Response Information:**

800-424-9300 CHEMTREC  
770-607-0755 Burtin Polymer Labs

#### **Chemical family:**

Aromatic polyurea/polyurethane

#### **Synonyms:**

POLYURETHANE/POLYUREA ELASTOMER

### **2. COMPOSITION/INFORMATION ON INGREDIENTS**

#### **Chemical Name CAS# Ingredient Percent**

Cured Sprayed-Elastomer None 100%

### **3. HAZARD IDENTIFICATION**

#### **Emergency Overview**

CAUTION: MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION.

#### **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 liquefied gases.

#### **Acute Toxicity:**

Ingestion may cause gastrointestinal disturbances.



***Irritation:***

Irritating to respiratory system. Irritating to eyes and skin.

***Repeated Dose Toxicity:***

Causes irritation, a burning sensation of the mouth, throat and gastrointestinal tract and abdominal pain.

***Medical Effects Aggravated by Overexposure:***

Data available do not indicate that there are medical conditions that are generally recognized as being aggravated by exposure to this substance/product.

***4. FIRST-AID MEASURES***

***General Advice:***

Remove contaminated clothing.

***If Inhaled:***

After inhalation of decomposition products, remove the affected person to a source of fresh air and keep calm. Provide medical aid.

***If on Skin:***

Wash affected areas thoroughly with soap and water. If irritation develops, seek medical attention.

***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 drink plenty of water. Do not induce vomiting. Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions. Immediate medical attention required.

***5. FIRE-FIGHTING MEASURES***

***Suitable Extinguishing Measures:***

Water, dry extinguishing media, carbon monoxide, foam

***Hazards during Fire-Fighting:***

If product is heated above decomposition temperature, toxic vapors will be released.



***Protective Equipment for Fire-Fighting:***

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

***6. ACCIDENTAL RELEASE MEASURES***

***Cleanup:***

Place into a suitable container for disposal. See MSDS section 13 – Disposal Consideration.

***7. HANDLING AND STORAGE***

***Handling***

***Protection against Fire and Explosion:***

No explosion proofing necessary.

***Storage***

***General Advice:***

Avoid disposition of dust. No special precautions necessary.

***Storage Stability:***

No data available.

***8. EXPOSURE CONTROLS AND PERSONAL PROTECTION***

***Advice on System Design:***

Provide local exhaust ventilation to control dust.

***Personal Protective Equipment***

***Respiratory Protection:***

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

***Hand Protection:***

Wear gloves.

***Eye Protection:***

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

***General Safety and Hygiene Measures:***

Handle in accordance with good industrial hygiene and safety practice. Wash soiled clothing immediately.



## **9. PHYSICAL AND CHEMICAL PROPERTIES**

Form: Solid.

Odor: Unspecified.

Color: No data available.

Miscibility with water: Not Soluble.

## **10. STABILITY AND REACTIVITY**

### **Conditions to Avoid:**

>300 degrees Fahrenheit.

Avoid extreme heat. Avoid all sources of ignition: heat, sparks, open flame.

### **Hazardous Reactions:**

The product is chemically stable.

### **Decomposition Products:**

Hazardous decomposition products: carbon monoxide, carbon dioxide, hydrogen cyanide, ether, esters, ketones.

### **Thermal Decomposition:**

No data available.

### **Corrosion to Metal:**

No corrosive effect on metal.

## **11. TOXICOLOGICAL INFORMATION**

## **12. ECOLOGICAL INFORMATION**

## **13. DISPOSAL CONSIDERATIONS**

### **Waste Disposal of Substance:**

Dispose of in a licensed facility.

### **Container Disposal:**

Incinerate or dispose of in a licensed facility.

## **14. TRANSPORT INFORMATION**

### **Land Transport:**

USDOT Not classified as a dangerous good under transportation regulations.

### **Sea Transport:**

IMDG Not classified as a dangerous good under transportation regulations.

### **Air Transport:**

IATA/ICAO Not classified as a dangerous good under transportation regulations.



## **15. REGULATORY INFORMATION**

### **Federal Regulations**

#### **Registration Status:**

TSCA, US Released/listed.

## **16. OTHER INFORMATION**

### **HMIS III Rating:**

Health: 1 Flammability: 1 Physical Hazard: 0

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.

### **Local contact information:**

**Andrew Huber**

**Andrew@bulletliner.com**

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