

# **Abrasive Supply Company, Inc.**

## **Safety Data Sheet**

## **Polyblast Urea Blasting Media**

**Rev. Date: 1-01-2017**

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### **1. Product and Company Identification**

Trade Name: Polyblast Urea (Type 2)

Synonym: Urea Blasting Media, Thermoset Urea

Recommended Use: Primarily used for paint stripping and media blasting

Manufacturer: Abrasive Supply Company, Inc.

25240 State Route 172

Minerva, Ohio 44657

Phone: 330-894-2818

Fax: 330-894-2626

E-mail: [sales@polyblast.com](mailto:sales@polyblast.com)

### **2. Hazards Identification**

Granular material with no odor.

Spilled product may create a slipping hazard. Clean up any spills immediately.

Potential Health Effects:

Eye- Solids or dust may cause irritation or scratch the eye.

Skin- Material can be abrasive.

Ingestion-May be harmful if swallowed.

Inhalation- Potential respiratory irritation

No known chronic health effects.

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#### Carcinogenicity:

NTP-No

IARC Monographs- No

OSHA- No

|              | HMIS | NFPA |
|--------------|------|------|
| Health       | 2    | 2    |
| Flammability | 0    | 0    |
| Reactivity   | 0    | 0    |

This product is not considered hazardous within the definition contained in the code of Federal Regulations: 29 CFR 1915-2.

#### **3. Composition/Information on Ingredients**

|                                   |      |           |      |
|-----------------------------------|------|-----------|------|
| Polymerized Urea Molding Compound | > 97 | ACGIH TLV | None |
| CAS #9011-05-6                    |      | OSHA PEL  | None |
| Pigment and Additives             | < 2  | ACGIH TLV | None |
|                                   |      | OSHA PEL  | None |
| resiSTAT <sup>®</sup>             |      |           |      |
| (Anti-static agent)               | < 1  | ACGIH TLV | None |
| CAS #002764-13-8                  |      | OSHA PEL  | None |

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### **4. First Aid Measures**

Inhalation- Remove person to fresh air. Perform CPR if breathing has stopped and seek immediate medical attention.

Skin- Product may be abrasive. Wash thoroughly. Seek medical attention if irritation persists.

Eye- If particles get into eye, treat as any foreign object. Flush with water for 15 minutes. Seek medical treatment for any serious eye injury.

Ingestion- Induce vomiting by giving two glasses of water. Seek medical attention.

No known medical conditions generally aggravated by exposure.

### **5. Fire Fighting Measures**

Extinguishing Media-Foam, Dry Chemical, CO2, Water Fog, Steam

Hazardous Combustion Products- Carbon Monoxide, Nitrous Oxide

Fire Fighting Procedures- Wear a self-contained breathing apparatus with full face plate and full protective coating.

Flash Point-N/A

Dust can form explosive mixture with air. Sealed containers can build up pressure if exposed to extreme heat (fire).

Flammable Limits- N/A

LEL- NA

UEL-N/A

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### **6. Accidental Release Measures**

Spilled product can cause a slipping hazard. Sweep up any spilled product immediately and dispose of in appropriate container. Do not expose to flames, sparks, excessive temperatures, and oxidizing agents.

### **7. Handling and Storage**

Use in a well-ventilated area. Avoid contact with eyes.

Store in closed containers in a cool, dry area. Do not expose to open flames, excessive heat, or oxidizing agents. Do not store in unmarked containers.

### **8. Exposure Controls/personal Protection**

Occupational Exposure Limit Values- N/A

Biological Limit Values- N/A

Engineering Controls- Mechanical Ventilation and Local Exhaust. Use explosion proof electrical equipment for extremely high dust levels.

Respiratory Protection- Use of a 8710 Dust and Mist respirator is recommended.

Skin Protection- Wear gloves during use. Wash hands thoroughly before eating, smoking, etc.

Eye Protection- Standard Safety Glasses with Side shields.

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#### **9. Physical and Chemical Properties**

Appearance – Granular colored particles.

Odor- Odorless

Melting Point-N/A

Boling Point- N/A

Evaporation Rate (Butyl Acetate=1)-N/A

Vapor Pressure (mm Hg)- N/A

Vapor Density (AIR=1)-N/A

Solubility in Water-0

Specific Gravity (H2O=1)-1.5

pH-4-8

#### **10. Stability and Reactivity**

Chemical Stability (Conditions to Avoid) – Ignition Sources, Excessive Heat

Incompatible materials- N/A

Hazardous Decomposition Products- Smoke, Carbon Monoxide, Carbon Dioxide

Hazardous Polymerization- Will not occur

Stability- Stable

#### **11. Toxicological Information-**

Very low order of acute toxicity.

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### **12. Ecological Information**

Clean-up of product can be handled and disposed of safely according to all Federal, State, and Local regulations.

### **13. Disposal Considerations**

This product can be safely disposed of as normal solid waste according to Federal, State, and Local regulations.

### **14. Transport Information**

DOT- Not Regulated

NMF Classification- Class 55      1020

Marine Hazard- No

Special Transport Precautions- None

### **15. Regulatory Information**

PPE for handling according to OSHAS Standard 29CFR 1910 Subpart 1.

### **16. Other Information**

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