Abrasive Supply Company, Inc.

Safety Data Sheet — Polyblast Urea Blasting Media

Rev. Date: 1-01-2017

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.

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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.

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^{R}			
(Anti-static agent)	< 1	ACGIH TLV	None
CAS #002764-13-8		OSHA PEL	None

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

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.

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 (H_2O=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.

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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