

# MATERIAL SAFETY DATA SHEET

Revised Date 1/1/14

## Product and Company Identification

Manufacturer Kramer Industries, Inc. Phone 732-650-9599  
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Piscataway, NJ 08854-5951

Product **Urea Plastic Abrasive**

## Hazards Identification

Symptoms/Effects of Overexposure and First Aid Ingestion: Ingestion of small quantities of this material under normal circumstances would not cause harmful effect.

Inhalation: Gross overexposure to nuisance particles, regardless of how generated, may cause irritation of the respiratory tract.

Skin or Eye Contact: Nuisance particles may cause irritation. In case of eye contact, flush immediately with large amounts of water.

## Composition and Ingredients

Chemical Name	CAS #	PEL (ppm)	TLV (ppm)
Urea Formaldehyde Polymer	Mixture	N/A	N/A

## First Aid Information

Inhalation	Remove to fresh air
Skin	Wash thoroughly with soap and water
Eyes	Flush with copious amounts of water for 15 minutes
Ingestion	Do not induce vomiting; Drink water or milk; Seek medical attention

## Fire Fighting Information

Flash Point, ASTM D-1929	Estimated Flash Approx. 530°C
Flammable Limits	N/A
Extinguishing Media	Foam, Carbon Dioxide, Water, Dry Chemical
Special Procedures	Full protective equipment
Unusual Fire & Explosion Hazards	None known

## Accidental Release Measures

The Urea Plastic Abrasive Media is essentially insoluble in water and with the proper filtration system can be separated from a waste water stream.

## Handling and Storage

No special precautions required

## Exposure Control / Personal Protection

Respiratory Protection Do not breathe dust. Wear a properly fitted dust respirator approved by NIOSH/MSHA during application, unless air monitoring shows dust levels below 10 mg/m<sup>3</sup>.

Ventilation Provide sufficient ventilation in volume and pattern to keep airborne levels of methyl methacrylate below 100 ppm and dust levels below 10 mg/m<sup>3</sup>.

Protective Gloves Leather gloves are recommended

Eye Protection Safety glasses with side shields

Other Equipment None required

Work/Hygiene Practices Observe standard industrial hygiene practices

## Physical and Chemical Properties

Evaporation Rate	Solid	Vapor Density	N/A
Solubility in Water	Insoluble	Percent Volatile	N/A
Approximate Boiling Range	N/A	Density	1.5
Solubility in Water	None		
Appearance	Off-white powder		
Odor	None		

## Stability and Reactivity

Stability	Stable
Conditions to Avoid	Sources of ignition and temperatures above 570°F or 370°C
Incompatibility	N/A
Hazardous Decomposition	N/A
Hazardous Polymerization	Will not occur

### Toxicological Information

NTP	Not listed
IARC Monographs	Not listed
OSHA Regulated	Not regulated

### Ecological Information

Not applicable

### Disposal Considerations

Dispose in accordance with all federal, state and local regulations.

### Transport Information

Products covered by this MSDS, in their original form, are not regulated for transportation.  
Ground Transportation (US DOT) – Not regulated  
Air Transport (IATA) – Not regulated  
Marine/Water Transport (IMDG) – Not regulated

### Regulatory Information

All intentionally-added components of this product are listed on the US TSCA Inventory.

### Other Information

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.