

# MATERIAL SAFETY DATA SHEET

Revised Date 1/1/14

## Product and Company Identification

Manufacturer Kramer Industries, Inc. Phone 732-650-9599  
140 Ethel Road West Web www.KramerIndustriesOnline.com  
Suite U  
Piscataway, NJ 08854-5951

Product **Acrylic 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)
Acrylic 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. 391°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 Acrylic 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	1.19
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** Under fire conditions, hazardous decomposition products will include: CO, CO<sub>2</sub> and smoke. Temperatures above 370°C can cause methyl methacrylate monomer (MMA) to be released. See section 8.

Vapor may cause irritation to the eyes, nose and throat. May cause central nervous system effects such as dizziness, headache, nausea and loss of consciousness.

Under some circumstances, mutagenic changes have been observed with MMA. The meaning and significance of these results is not understood. At 1000 ppm, MMA is weakly embryotoxic with rats.

	Exposure Limits OSHA & ACGIH	Cas Number	Vapor Pressure
MMA	100ppm	80-62-6	29 mm (20°C)

**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.