

MATERIAL SAFETY DATA SHEET

SECTION I: MANUFACTURER & MATERIAL IDENTIFICATION

Manufacturer Kramer Industries, Inc.
140 Ethel Road West
Suite U
Piscataway, NJ 08854-5951

Emergency Phone 732-650-9599

Product **Acrylic Plastic Abrasive**

CAS Number None

Date Prepared Revised 1/10

SECTION II: HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS COMPONENTS	CAS #	PEL (ppm)	TLV (ppm)
No Hazardous Components	None		

INGREDIENTS	Exposure Limit
Acrylic Polymer	ACGIH None OSHA None

SECTION III: PHYSICAL/CHEMICAL CHARACTERISTICS

Evaporation Rate	Solid	Vapor Density	N/A
Solubility in Water	Insoluble	Percent Volatile	N/A
Approximate Boiling Range	N/A	Density	1.19

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

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

SECTION V: REACTIVITY DATA

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, CO2 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.								
	<table><thead><tr><th></th><th>Exposure Limits OSHA & ACGIH</th><th>Cas Number</th><th>Vapor Pressure</th></tr></thead><tbody><tr><td>MMA</td><td>100ppm</td><td>80-62-6</td><td>29 mm (20°C)</td></tr></tbody></table>		Exposure Limits OSHA & ACGIH	Cas Number	Vapor Pressure	MMA	100ppm	80-62-6	29 mm (20°C)
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Hazardous Polymerization	Will not occur								

SECTION VI: HEALTH HAZARD DATA

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. If irritation develops, remove to fresh air. If breathing difficulty persists, consult a physician.

Skin or Eye Contact: Nuisance particles may cause irritation. In case of eye contact, flush immediately with large amounts of water. For skin, wash with soap and water. If irritation persists, consult a physician.

SECTION VII: PRECAUTIONS FOR SAFE HANDLING AND USE

Spill	No special procedures required.
Waste Disposal	Sanitary landfill, in accordance with Federal, State and Local Regulations.
Handling & Storage	N/A

MSDS for **Acrylic Plastic Abrasive** cont.

SECTION VIII: CONTROL MEASURES

Respiratory Protection	Do not breath dust. Wear a properly fitted dust respirator approved by NIOSH/MSHA during application, unless air monitoring shows dust levels below 10 mg/m ³ .
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 ³ .
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
Transportation:	Not regulated

SECTION IX: REGULATORY STATUS

NTP	Not listed
IARC Monographs	Not listed
OSHA Regulated	Not regulated

Notice From Kramer Industries, Inc.: The data in this material safety sheet relate only to specific material designated herein and do not relate to use in combination with any other material or process.