



Manufacturer Kramer Industries, Inc. Emergency Phone 732-650-9599  
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Product **Acrylic Plastic Abrasive**

CAS Number None

Date Prepared Revised 1/07

**SECTION II: HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

HAZARDOUS COMPONENTS CAS # PEL (ppm) TLV (ppm)

No Hazardous Components

**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

**MATERIAL SAFETY DATA SHEET**

**SECTION I: MANUFACTURER & MATERIAL IDENTIFICATION**

INGREDIENTS Exposure Limit

Acrylic Polymer ACGIH None

OSHA None

The information contained in this material safety data sheet is, to our best knowledge, true and accurate, but all recommendations or suggestions are made without guarantee, since the conditions of use are beyond our control. It is the user's responsibility to determine the safety, toxicity and suitability for his own use of the product described herein. KRAMER INDUSTRIES, INC. disclaims any liability incurred in connection with the use of these data or suggestions.

MSDS for **Acrylic Plastic Abrasive** cont.

**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, 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 Cas Number Vapor Pressure

OSHA & ACGIH

MMA 100ppm 80-62-6 29 mm (20°C)

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

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**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<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

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.