

MATERIAL SAFETY DATA SHEET

SECTION I: MANUFACTURER & MATERIAL IDENTIFICATION

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

Product **Aluminum Oxide**

CAS Number N/A

Date Prepared Revised 1/07

SECTION II: HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS COMPONENTS	CAS #	PEL (ppm)	TLV (ppm)
No hazardous components	Mixture	N/A	N/A

SECTION III: PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling point (°C)	>93	Specific Gravity (H ₂ O = 1)	1
Vapor Pressure (mm Hg)	N/A	Melting Point (°C)	N/A
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	N/A

Solubility in Water None
Appearance Gray powder
Odor None

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

Flash Point (°C) None
Flammable Limits N/A
Extinguishing Media CO₂, Water spray, Dry chemical, Foam
Special Procedures SCBA recommended
Unusual Fire & Explosion Hazards None known

SECTION V: REACTIVITY DATA

Stability Stable
Conditions to Avoid None known
Incompatibility Strong oxidizers
Hazardous Decomposition Will not occur
Hazardous Polymerization Will not occur

MSDS for **Aluminum Oxide** cont.

SECTION VI: HEALTH HAZARD DATA

Routes of Exposure	Symptoms
Inhalation	Mild irritation of nasal passages
Skin	None known
Eyes	None known
Ingestion	None known
	First Aid
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

SECTION VII: PRECAUTIONS FOR SAFE HANDLING AND USE

Spill	Absorb with sand or other absorbent material
Waste Disposal	Sweep into approved chemical waste container
Handling & Storage	No precautions required

SECTION VIII: CONTROL MEASURES

Respiratory Protection	None required
Ventilation	Local exhaust
Protective Gloves	Neoprene rubber gloves
Eye Protection	Chemical splash goggles
Other Equipment	None required
Work/Hygiene Practices	Observe standard industrial hygiene practices

SECTION IX: REGULATORY STATUS

NTP	Not listed
IARC Monographs	Not listed
OSHA Regulated	Not regulated

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.