

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	KZ1 Plastic Media		
Chemical Name	Proprietary Blend		
Chemical Family	Filled Polymer		
Formula	N/A, mixture		
CAS Number	N/A, mixture		
Date Prepared	Revised 1/10		

SECTION II: HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Emergency Overview No known or anticipated effects of exposure to this material

HAZARDOUS COMPONENTS	CAS #	% by Wt
Zircon (non-hazardous)	14940-68-2	50-60

SECTION III: PHYSICAL/CHEMICAL CHARACTERISTICS

Bulk Density	75-80 lbs/ft ³
Solubility in Water	Negligible
Appearance	Tan solid of varied size and shape
Odor	Slight characteristic odor

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

Flash Point (°C)	N/A
Autoignition temperature	N/A
Flammable Limits	N/A
Extinguishing Media	CO ₂ , Water spray, Dry chemical, Foam
Special Procedures	SCBA recommended
Flammable Properties	This material may burn when exposed to a fire situation.
Hazardous Combustion Products	Oxides of carbon
General Hazards	None specific to this material
Fire Fighting Instructions	Normal firefighting procedures apply. Self-contained breathing apparatus should be worn.

SECTION V: REACTIVITY DATA

Stability	Stable
Conditions to Avoid	None known
Hazardous Decomposition	By fire: oxides of carbon
Hazardous Polymerization	Will not occur

SECTION VI: HEALTH HAZARD DATA

Routes of Exposure	
Inhalation	If wear residue resulting from processing should become dry and airborne, inhalation may cause sneezing, coughing
Skin	Handling this material with bare hands can cause abrasions
Eyes	It is possible that small fragments of this material or the work piece could be propelled from the work area striking the eye
Ingestion	Not likely to occur
Carcinogenicity	Silica is a NIOSH occupational carcinogen

First Aid Measures None that are directly attributable to normal use of this material

Hazard Rating	HMIS	NFPA
	Health -1	Health - 1
	Flammability - 1	Flammability - 1
	Reactivity - 0	Reactivity - 0
	Protective Equipment - B	

SECTION VII: PRECAUTIONS FOR SAFE HANDLING AND USE

Spill	Collect for refuse or disposal if contaminated with foreign matter
Waste Disposal	Landfill in accordance with local state and federal regulations
Handling	This product should not be used dry. Material is heavy; use proper lifting techniques. Material is abrasive; avoid contact with skin and eyes. Do not swallow.
Storage	No special storage requirements

SECTION VIII: CONTROL MEASURES

Respiratory Protection	Use only NIOSH/MSHA approved respiratory protection if dust is generated
Ventilation	Good general ventilation
Protective Gloves	Heavy gloves for abrasion protection
Eye Protection	Safety glasses
Other Equipment	Not normally required
Work/Hygiene Practices	Observe standard industrial hygiene practices
Exposure Guidelines	In the unlikely event that the wet wear residue resulting from use of this material should become dry and airborne, it would contain silica, TLV 0.05mg/m ³ (respirable)

SECTION IX: REGULATORY STATUS

All components are listed on the TCSA Inventory

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.