

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 **KSJ Synthetic Media**

Chemical Name Proprietary Blend
Chemical Family Filled Polymer
Formula N/A, mixture
CAS Number N/A, mixture
Date Prepared Revised 1/13

SECTION II: HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

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

HAZARDOUS COMPONENTS	CAS #	% By Weight
Silica Sand	14808-60-7	40-50

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

SECTION III: PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling point (°C)	N/A	Bulk Density (lbs/cu. ft.)	60-65
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 Negligible
Appearance Tangerine solid of varied size and shape
Odor Slight characteristic odor

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

Flammable Properties	This material may burn and/or decompose when exposed to a fire situation.
Hazardous Combustion Products	Oxides of carbon
Unusual Fire & Explosion Hazards	None known
Extinguishing Media	Water, CO ₂ , dry chemical, foam
Fire Fighting Instructions	Normal firefighting procedures apply. Self contained breathing apparatus should be worn
Flash Point (°C)	N/A
Autoignition Temperature	N/A
Flammable Limits	N/A

SECTION V: REACTIVITY DATA

Stability	Stable
Conditions to Avoid	N/A
Incompatibility	Strong oxidizers
Hazardous Decomposition	By fire: oxides of carbon and nitrogen
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	
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	Collect for reuse or dispose if contaminated with foreign matter
Waste Disposal	Sweep into approved chemical waste container. Landfill in accordance with local, state and federal regulations.
Handling & Storage	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. No special storage requirements.
DOT Description	Not regulated

SECTION VIII: CONTROL MEASURES

Respiratory Protection	Use only NIOSH/MSHA approved respiratory protection if dust is generated.
Ventilation	Good general ventilation
Skin protection	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 0.05 mg/m ³ (respirable)

SECTION IX: REGULATORY STATUS

All components are listed on the TCSA Inventory