

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	KSX Synthetic 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 #	TLV (Units)
Crystalline Silica	14808-60-7	0.1 mg/m ³

SECTION III: PHYSICAL/CHEMICAL CHARACTERISTICS

Bulk Density	60-65 lbs/ft ³
Solubility in Water	Insoluble
Appearance	Pink 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
Flammable Properties	This material may burn when exposed to a fire situation.
Hazardous Combustion Products	Oxides of carbon and nitrogen
General Hazards	None specific to this material
Fire Fighting Instructions	Full protective gear including self contained breathing apparatus should be worn for protection against potentially hazardous decomposition products.

SECTION V: REACTIVITY DATA

Stability	Stable
Incompatibility	N/A
Conditions to Avoid	None known
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 Measures	None that are directly attributable to normal use of this material															
Threshold Limit Value	In the unlikely event that the wet wear residue resulting from use of this product becomes dry and airborne, it would be considered a nuisance dust with a TLV of 10mg/m ³ and the TLC of Section II applies.															
Effects of Overexposure	There are no known or anticipated effects of overexposure for this material. Handling the material with bare hands may cause abrasions. It is possible that small fragments, either from this material or the work piece, may be propelled from the work area so eye protection is advised. This material contains crystalline silica which in its respirable form is listed as a probable carcinogen by NTP.															
Hazard Rating	<table border="0" style="width: 100%;"> <tr> <td style="width: 33%;"></td> <td style="width: 33%; text-align: center;">HMIS</td> <td style="width: 33%; text-align: center;">NFPA</td> </tr> <tr> <td></td> <td style="text-align: center;">Health - 1</td> <td style="text-align: center;">Health - 1</td> </tr> <tr> <td></td> <td style="text-align: center;">Flammability - 1</td> <td style="text-align: center;">Flammability - 1</td> </tr> <tr> <td></td> <td style="text-align: center;">Reactivity - 0</td> <td style="text-align: center;">Reactivity - 0</td> </tr> <tr> <td></td> <td style="text-align: center;">Protective Equipment - B</td> <td></td> </tr> </table>		HMIS	NFPA		Health - 1	Health - 1		Flammability - 1	Flammability - 1		Reactivity - 0	Reactivity - 0		Protective Equipment - B	
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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