

# 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	<b>KDF Ceramic Media</b>		
Chemical Name	Proprietary Blend		
Chemical Family	Ceramic		
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
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This material contains no components that are hazardous within the meaning of the OSHA Hazard Communication Rule 29 CFR 29 1910.1200

## SECTION III: PHYSICAL/CHEMICAL CHARACTERISTICS

Bulk Density	100-115 lbs/ft <sup>3</sup>
Solubility in Water	Negligible
Appearance	Dark brown solid of varied size and shape
Odor	Odorless

## SECTION IV: FIRE AND EXPLOSION HAZARD DATA

Flash Point (°C)	N/A
Autoignition temperature	N/A
Flammable Limits	N/A
Flammable Properties	This material will not burn and poses no explosion hazard

## SECTION V: REACTIVITY DATA

Stability	Stable
Conditions to Avoid	N/A
Hazardous Decomposition	N/A
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	Not a carcinogen

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

Hazard Rating	HMIS	NFPA
	Health - 0	Health - 0
	Flammability - 0	Flammability - 0
	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
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 be considered nuisance dust, TLV 10mg/m <sup>3</sup>

**SECTION IX: REGULATORY STATUS**

All components are listed on the TCSA Inventory