

U.S. ELECTROFUSED MINERALS, INC.

6905-A SAN TOMAS ROAD, BALTIMORE, MD 21227 1-800-927-8823 FAX 1-800-729-8826

MATERIAL SAFETY DATA SHEET

To the Purchaser: This MSDS contains important environmental safety and health information for your employees who will be using this product. Please be sure this information is given to them. If you resell this product, a copy of the MSDS should be given to the buyer.

Supplier: U.S. Electrofused Minerals, Inc.

Phone No.: (410) 796-8823

Address: 6905 A San Tomas Road, Baltimore, MD 21227

SECTION I

Product Code: SIC DOT Class ID Number: N/A

Chemical & Common Names: Black Silicon Carbide Grain

Formula: SiC

SECTION II

OSHA POTENTIAL HAZARDOUS INGREDIENTS		%	EXPOSURE LIMITS		
COMPONENT	CAS #	(Optional)	10 mg/m ³	15mg/m ³	Total Dust
SIC		98		0.1mg/m ³	

SECTION III PHYSICAL DATA

BOILING POINT (°F)	NA	SPECIFIC GRAVITY (H ₂ O = 1)	3.2
VAPOR PRESSURE (mm Hg)	NA	ACIDITY (Ph)	NA
VAPOR DENSITY (AIR = 1)	NA	EVAPORATION RATE (BUTYL ACETATE = 1)	NA
SOLUBILITY IN WATER	Negligible	MELTING POINT (°F) sUBLIMES AT 4700 °F	
APPEARANCE & ODOR	Shiney, black, granular - odorless material		

SECTION IV. FIRE & EXPLOSION HAZARD DATA

FLASH POINT (Method Used)	NA	FLAMMABLE LIMITS	LEL	NA	DEL	NA
EXTINGUISHING MEDIA:	NOT FLAMMABLE					
SPECIAL FIRE FIGHTING PROCEDURES:	NONE REQUIRED					
UNUSUAL FIRE & EXPLOSION HAZARDS: (See Reactivity Section for other physical hazards)	NONE					

NA = NOT APPLICABLE

NF = NOT FOUND

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IMPORTANT: SEE REVERSE SIDE FOR DISCLAIMER

SECTION V. REACTIVITY DATA

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STABILITY	UNSTABLE	X	CONDITIONS TO AVOID
	STABLE		None
INCOMPATIBILITY (Materials to Avoid)			None
HAZARDOUS DECOMPOSITION PRODUCTS			None
HAZARDOUS POLYMERIZATION	MAY OCCUR	X	CONDITIONS TO AVOID
	WILL NOT OCCUR		None

SECTION VI. HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY	Nasal
LISTED AS A CARCINOGEN? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If yes, explain:	
SYMPTOMS AND EFFECTS OF OVEREXPOSURE	
Lung irritation may be evidenced by shortness of breath. Prolonged exposure may lead to pulmonary problems.	
EMERGENCY AND FIRST AID PROCEDURES	
Remove from dusty area.	

SECTION VII. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED	<p>Uncontaminated material may be scooped up for use.</p> <p>If contaminated scoop or vacuum into a receptacle for disposal.</p>
WASTE DISPOSAL METHOD	Use a sanitary landfill in accordance with local, state and federal regulations.

SECTION VIII. RECOMMENDED CONTROL MEASURES

RESPIRATORY PROTECTION	U.S. Bureau of Mines approved for dusts and pneumoconiosis.		
VENTILATION	LOCAL EXHAUST	Normal dust collector	SPECIAL
	MECHANICAL (General)	NA	NA
PROTECTIVE GLOVES	NA	EYE PROTECTION	Goggles
OTHER PROTECTIVE EQUIPMENT			
NA			
SPECIAL PROTECTIVE MEASURES FOR REPAIR AND MAINTENANCE OF CONTAMINATED EQUIPMENT			
NA			

SECTION IX. SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING & STORING (Including appropriate hygienic practices)	NA
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