

MATERIAL SAFETY DATA SHEET

Diemasters
 PO Box 219, Skiatook, OK 74070
 Phone 800-826-2134 **Emergency day/night phone: CHEMTREC 800-424-9300**

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<> IDENTIFICATION <>

Product name: **METAL.FIRE.XTNGSHR** (copyright trade name)
 Synonyms: class D powder, G1 powder, mag.fire.xtngshr (all fire fighting media)

<> HMIS RATING <>

HMIS HAZARD INDEX

Health = 1	Minimal = 0
Flammability = 0	Slight = 1
Reactivity = 0	Moderate = 2
	Serious = 3
	Severe = 4

<>HEALTH EFFECTS AND FIRST AID <>

EFFECTS OF ACUTE OVEREXPOSURE TO PRODUCT:

EYES: Irritant
SKIN: Slight irritant
SWALLOWING: Ingestion of large amounts may cause nausea and vomiting.
BREATHING: Prolonged and repeated overexposure may lead to benign pneumoconiosis.

FIRST AID IF:

IN EYES: Flush with water for 15 minutes*
ON SKIN: Wash with soap and water*
BREATHED: Go to fresh air*
SWALLOWED: Rinse mouth, drink large amounts of water, induce vomiting*
 * If discomfort continues seek medical attention

PRIMARY ROUTES OF ENTRY: Eyes, skin contact, breathing, swallowing

MEDICAL CONDITIONS AGGRIVATED BY OVEREXPOSURE: Emphysema & asthma

EFFECTS OF CHRONIC OVEREXPOSURE TO PRODUCT: None known

PRODUCT LISTED AS A CARCINOGEN OR POTENTIAL CARCINOGEN?

NATIONAL TOXOLOGY PROGRAM: No. IARC MONOGRAPHS: No. OSHA: No.

<> HAZARDOUS INGREDIENTS <>

<u>Material</u>	<u>CAS No.</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Graphite (synthetic)	7782-42-5	10 total dust 5 respirable fraction	10 (c)*
KAOLIN	1332-58-7	10 total dust 5 respirable fraction	10 (c)*
MICA	12001-26-2	3 total dust 3 respirable fraction	

*(c) Total dust containing no asbestos and less than 1% crystalline silica

<> OTHER INGREDIENTS <>

<u>Material</u>	<u>CAS No.</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
SODIUM CHLORIDE	7647-14-5	10 total dust (a)* 5 respirable fraction	10 (b)*
HYDROS ALUMINA SILICATE	1318-94-1	10 total dust (a) 5 respirable fraction	10 (b)*

(a) Particulate matter not otherwise classified. Milligrams substance per cubic meter of air.

(b) Particulate matter not otherwise classified. Total dust containing no asbestos and less than 1% crystalline silica.

<> PHYSICAL & CHEMICAL CHARACTERISTICS <>

BOILING POINT: 2575°F	SPECIFIC GRAVITY: 2.18	VAPOR PRESSURE: N/A
PERCENT VOLITILE: N/A	VAPOR DENSITY: N/A	EVAPORATION RATE: N/A
SOLUBILITY IN WATER: Slight		MELTING POINT: N/A
pH: 7.0	FLASH POINT: N/A	AUTO IGNITION: N/A

APPEARANCE and ODOR: Mixture of white and dark gray-black crystalline powder. No characteristic odor.

FIRE EXTINGUISHER MEDIA: None. This material is an extinguishing agent for CLASS D fires (metal fires).

SPECIAL FIRE FIGHTING PROCEDURES: None FIRE AND EXPLOSION HAZARD: None

<> PHYSICAL HAZARDS <>

STABILITY: Stable	CONDITIONS TO AVOID: N/A
INCOMPATIBILITY (materials to avoid): Bromine Trifluoride	
HAZARDOUS DECOMPOSITION (when heated to decomposition): CO, CO ₂ , CL ₂ and NA ₂ O	
HAZARDOUS POLYMERIZATION: Will not occur.	

<> SPECIAL PRECAUTIONS AND SPILL / LEAK PROCEDURES <>

STEPS TO BE TAKEN IF PRODUCT IS RELEASED OR SPILLED: Sweep up and contain. Dispose of in accordance with local, state and federal regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Keep dry. Do not cross contaminate with other fire extinguisher agents.

End of page 2. End of MSDS.