

Safety Data Sheet: MF-402 Type CR Powder

Section 1: Identification

Product Name: MF 402 Type CR Powder
Manufacturer: MWT Materials, Inc.
Emergency Phone Number: 1-973-928-8300

Section 2: Hazard Identification

Non-Flammable

Section 3: Composition / Information on Ingredients

Iron Chrome Silicide powder

Section 4: First Aid Measures

Inhalation – move to fresh air, get medical attention
Skin – flush with cool water followed by treatment for irritation
Eyes – Wash thoroughly with large amounts of water for at least 15 minutes
Ingestion – Do not induce vomiting. Seek medical help immediately

Section 5: Fire Fighting Measures

Firefighting Media suitable for surrounding fire (water, CO₂, foam, etc.)
Flash point > 145 F
Lower explosive limit NA
Upper explosive limit NA
Unusual fire hazards In a sustained fire, combustible decomposition products may be released

Section 6: Accidental Release Measures

Spill and Leak: Contain and collect for disposal
Disposal: Dispose in accordance with local, state, and federal law. Do not incinerate

Section 7: Handling and Storage

Neutralizing Agent: NA
Handling Precautions: Store in dry area

Section 8: Exposure Controls/ Personal Protection

Occupational exposure control relates only to uncured coating. Cured coating in good condition provides no exposure
Eye Protection: Goggles
Ventilation: Normal area ventilation
Skin: Gloves

Section 9: Physical and Chemical Properties

Appearance and Color	Gray Powder
Boiling Point	N/A
Specific Gravity	7.2 gr/cc
Vapor Density	N/A
Solubility in Water	None
Weight	60 pounds per gallon

Section 10: Stability and Reactivity

Stability	Stable
Conditions to Avoid	Moisture during storage
Materials to Avoid	None
Polymerization	None
Hazardous Decomposition Products	None

Section 11: Toxicological Information

LD50-LC-50:	None
Routes of Entry:	Inhalation – Yes Skin – Yes Ingestion – Yes
Health Hazards:	Acute and Chronic
Inhalation	Breathing of dust may cause irritation
Skin	Contact may cause mechanical irritation and dermatitis.
Ingestion	Ingestion may affect central nervous system. Contact medical help immediately
Carcinogenicity:	None per NTP, IARC, and OSHA
Signs/Symptoms of overexposure:	Inhalation-irritation of airways, difficulty breathing Skin – mechanical irritation or dermatitis

Section 12: Ecological Information

No Relevant Data

Section 13: Disposal Considerations

Spill and Leak:	Contain and collect for disposal
Disposal:	Dispose of in accordance with Local, State, and Federal Law. Do not incinerate

Section 14: Transport Information

DOT Non-hazardous
IATA Non-hazardous
IMDG Non-hazardous

Section 15: Regulatory Information

Not Applicable

Section 16: Other Information

Date of Latest Revision: Oct 25, 2018