

MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT IDENTIFICATION

Product Name: MOLY POWDER

Supplier's Name: Superior Industries

Supplier's Address: 6180 Airways Blvd,
Chattanooga, TN 37421

Supplier's Phone Number: (423) 899-0467

24 Hr Emergency Number: Chem-Tel (800) 255-3924

Chemical Family: N/A

Proper Shipping Name: N/A

Date Prepared: 11/27/12

NFPA Rating



SECTION 2 - INGREDIENTS

CHEMICAL NAME	CAS NO.	WT%	PERMISSIBLE AIR LEVEL
Molybdenum Disulfide	1317-33-5	99	OSHA & ACGIH = 10 mg/M3
Silica	60676-86-0	0.3	OSHA & ACGIH = 0.1 mg/M3* * respirable dust

Note 1) - Molybdenum Disulfide is a natural occurring compound

Note 2) - Molybdenum Disulfide was reported on the initial TSCA inventory

Note 3) - Silica is considered to be a suspected carcinogen by IARC, however, not by the NTP or OSHA

SECTION 3 - PHYSICAL DATA

Boiling Range (F): N/A
Vapor Pressure: @ 20 C: Essentially 0
% Volatile: 0%
Solubility in Water: Insoluble
Physical Description: Dark gray to black-blue, odorless powder
Specific Gravity: 4.80
Vapor Density: >1
pH: N/A
Evaporation Rate: <1

SECTION 4 - FIRE & EXPLOSION DATA

Flash Point (Method Used TCC): Not Flammable
Upper Explosive Limit: N/A
Lower Explosive Limit: N/A
Extinguishing Media: Dry chemical, foam, CO2, water
Special Fire Fighting Procedures: Fire may produce dense smoke, firefighters should wear self contained breathing apparatus
Unusual Fire & Explosion Hazards: Use water to cool fire-exposed containers, containers heated by fire can support combustion

SECTION 5 - REACTIVITY DATA

Stability: Stable
Incompatibility (Materials to Avoid): Hydrogen Peroxide
Hazardous Decomposition: Carbon monoxide, Sulfur dioxide
Hazardous Polymerization: Will not occur

SECTION 6 - STORAGE & HANDLING INFORMATION

Precautions to be taken: Keep out of reach of children.
Store in a cool, dry location.
Do not store near open flame or sparks.
Keep container closed during storage.
For institutional use only.

SECTION 7 - HEALTH HAZARDS

Effects of Overexposure:
Primary Route of Entry:
Skin: Not expected
Eyes: Eye irritant. May cause redness, tearing and blurred vision
Inhalation: May irritate nose, throat and lungs. Chronic respiratory diseases may be aggravated by dust exposure
Ingestion: Not expected

First Aid Procedures:
Skin: Remove contaminated clothing. Flush exposed area with mild soap and water. Seek medical attention if irritation persists.
Eyes: Flush eyes with large quantities of water, holding eyelids open
Inhalation: Move to fresh air
Ingestion: Seek medical attention

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Information: Avoid breathing dust, use NIOSH/MSHA approved respirator if levels exceed OSHA limits
Protective Gloves: Recommended
Other Protective Equipment: N/A

Ventilation: Use ventilation to maintain levels within OSHA limits
Eye Protection: Safety glasses or face shield

SECTION 9 - SPILL OR LEAK PROCEDURES

Steps to be taken in case Material is released or Spilled:
Vacuum to minimize dust exposure. Sweep, use respirator and eye protection when cleaning up spills.

Waste Disposal Method:
Any method in accordance with local applicable law