

REPORTANT

MATERIAL SAFETY DATA SHEET

READ CAREFULLY BEFORE USING CHEMICAL
OSHA requires that this form be kept on file.

Product No. SB 7897A

Product Name ZINC METAL MOSSY

Health Hazard	0
Flammability	1
Reactivity	2

Chemical Synonyms
Zinc

Formula
Zn

CAS No. 7440-66-6

Principal Hazardous Component(s)
Zinc

% PEL	N/A	TV Units	N/A
100			

* Chemical subject to the reporting requirement of SARA Title III

Melting Point (°F)	419.5°C	Specific Gravity (H ₂ O=1)	7.14
Boiling Point (°F)	908°C	Percent Volatile by Volume (%)	N/A
Vapor Pressure (mm Hg)	N/A	Evaporation Rate (at 20°C)	N/A
Vapor Density (Air=1)	N/A		
Solubility in Water	Insoluble		
Appearance & Odor	Bluish white lustrous metal, no odor.		

Flash Point (Method Used)
N/A
Flammable Limits in Air
% by Volume
Lower N/A
Upper N/A

Extinguisher
Carbon dioxide or dry chemical.

Special Firefighting Procedures
None

Unusual Fire and Explosion Hazards
None

DOT Not Regulated

Approved by U.S. Department of Labor, Institute of Safety, Inc.

Not established. Zinc Oxide fume: 5.0 mg/m³

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Effects of Overexposure
Excessive inhalation of the freshly formed fume may produce characteristic symptoms known as metal fume fever or zinc shakes. Only the freshly formed fume is potent.

Emergency and First Aid Procedures
Remove from exposure. Symptomatic treatment such as bed rest and aspirin afford some relief from fever and chills, however recovery is complete within 24 hours.

Stability
Stable Unstable
Conditions to Avoid

Incompatibility (Materials to Avoid)
May react with acids.

Hazardous Decomposition Products
At extreme heat zinc oxide may be evolved.

Hazardous Polymerization
May Will Not Occur
Conditions to Avoid
N/A

Spill or Leak Procedures
Steps to be taken in case material is released or spilled
Any normal clean up procedure is applicable.

Waste Disposal Method
Designate, store & dispose of in accordance with Federal, State or Local laws. These disposal guidelines are intended to be deposited in an appropriate facility. Reclaim or recycle if possible. Be cognizant of potential water pollution.

SECTION VIII SPECIAL PROTECTION INFORMATION
Respiration Protection
(Specify type)
U.S. Bureau of Mines approved respirator

Ventilation	Local Exhaust	Special
Protective Gloves	Not Required	Eye Protection
Other Protective Equipment	Lab coat	Safety Glasses

SECTION IX SPECIAL PRECAUTIONS
Precautions to be Taken in Handling & Storage
None

Other Precautions
None

Approved by
Seymour G. Chandra
Effective Date
12/29/94
For Reporting Use Only, Not to be used for other purposes.