

Material Safety Data Sheet

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24 Hour Emergency Assistance

Section 1 Identification	
Product Number:	C2977
Product Name:	Zinc Metal 20 Mesh Reagent A.C.S.
Trade/Chemical Synonyms	
Formula:	Zn
RTECS:	ZG8600000
C.A.S	CAS# 7440-66-6
Health:	1
Flammability	0
Reactivity	1
Hazard Rating:	
Least	1
Slight	2
Moderate	3
High	4
Extreme	
NA = Not Applicable NE = Not Established	

Section 2 Component Mixture					
Sara 313	Component	CAS Number	%	Dim	Exposure Limits:
<input checked="" type="checkbox"/>	Zinc Metal 20 Mesh	CAS# 7440-66-6	100	W/W	OSHA TWA 5 mg/mf

Section 3 Hazard Identification (Also see section 11)

Keep away from heat and ignition sources. Harmful if swallowed. Avoid breathing vapors. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling. Keep container closed.

Section 4 First Aid Measures

Keep away from heat and ignition sources. Harmful if swallowed. Avoid breathing vapors. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling. Keep container closed.

FIRST AID: SKIN: Wash exposed area with soap and water. If irritation persists, seek medical attention.

EYES: Wash eyes with plenty of water for at least 15 minutes, lifting lids occasionally. Seek Medical Aid.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen

INGESTION: If swallowed, induce vomiting immediately after giving two glasses of water. Never give anything by mouth to an unconscious person.

Section 5 Fire Fighting Measures

Fire Extinguisher Type: Smother with dry powder

Fire/Explosion: Dust at sufficient concentrations can form

Section 6 Accidental Release Measures

Sweep up and place in suitable (fiberboard) containers for reclamation or later disposal.

Section 7 Handling and Storage

Store in a cool, dry, well-ventilated place away from incompatible materials, heat and moisture. Wash thoroughly after handling.

Section 8 Exposure Controls & Personal Protection

Respiratory Protection: NIOSH approved dust mask

Mechanical Ventilation:

Local Exhaust:

Wear appropriate gloves to prevent skin exposure

Eye Protection: Splash Goggles

Other Protective Equipment: Wear appropriate clothing to prevent skin exposure

Section 9 Physical and Chemical Properties			
Melting Point:	419°C	Specific Gravity	7.14
Boiling Point:	907°C	Percent Volatile by Volume:	<0.5
Vapor Pressure:	1 mm Hg @ 909°C	Evaporation Rate:	N/A
Vapor Density:	Information not available	Evaporation Standard:	
Solubility in Water:	Insoluble	Auto ignition Temperature:	Not applicable
Appearance and Odor:	Odorless, grey-blue granules	Lower Flamm. Limit in Air:	Not applicable
Flash Point:	N/A	Upper Flamm. Limit in Air:	Not applicable

Section 10 Stability and Reactivity Information

<p>Hazards: explosive mixtures with air.</p> <p>Fire Fighting Procedure: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.</p>	<p>Stability: Stable Conditions to Avoid: None known</p> <p>Materials to Avoid: Acids, alkalies, oxidizers, halogens, chlorine.</p> <p>Hazardous Decomposition Products: Oxides of zinc.</p> <p>Hazardous Polymerization: Will Not Occur</p> <p>Condition to Avoid: None known</p>
	<p>Section 11 Additional Information</p> <p>Effects of overexposure, Acute and Chronic: If fumes are inhaled, may cause fume fever. Ingestion may cause GI disturbances. Contact with skin may cause irritation. Contact with eyes may cause mechanical abrasion, noticeable discomfort, redness and tearing. Persons with pre-existing eye, skin or respiratory conditions may be more susceptible.</p> <p>DOT Classification: Not Regulated</p> <p>DOT regulations may change from time to time. Please consult the most recent version of the relevant regulations.</p> <p>Revision Date Entered: Approved No:0.1 9/1/2006 by: WPF</p>

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