

MATERIAL SAFETY DATA SHEET

Zinc Metal 20 Mesh

SECTION 1 . Product and Company Identification

Product Name and Synonym: Zinc Metal 20 Mesh

Product Code: Z3010

Material Uses:

Manufacturer: Science Stuff
1104 Newport Ave

Austin, TX 78753

(512) 837-6020

Entry Date : 7/2/2013

Print Date: 7/2/2013

24 Hour Emergency Assistance : Chemtrec 800-424-9300
Canutec 613-996-6666

| | |
|---------------|---|
| Health: | 1 |
| Flammability: | 0 |
| Reactivity: | 1 |

Hazard Rating:
Least Slight Moderate High Extreme
0 1 2 3 4
NA=Not Applicable NE=Not Established

SECTION 2 HAZARD IDENTIFICATION

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 3 MIXTURE COMPONENTS

| SARA 313 | Component | CAS Number | Percent Comp. | Dimension | Exposure Limits |
|-------------------------------------|--------------------|----------------|---------------|-----------|------------------|
| <input checked="" type="checkbox"/> | Zinc Metal 20 Mesh | CAS# 7440-66-6 | 100 | W/W | OSHA TWA 5 mg/mf |

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 Hazards: Dust at sufficient concentrations can form explosive mixtures with air.

Fire Fighting Procedure: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Sweep up and place in suitable (fiberboard) containers for

Zinc Metal 20 Mesh

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
Ventilation
Local Exhaust
Mechanical
Protective Gloves: 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 | Percent Volatile by Volume: | <0.5 |
| Boiling Point: | 907°C | Evaporation Rate | N/A |
| Vapor Pressure: | 1 mm Hg @ 909°C | Evaporation Standard | |
| Vapor Density: | Information not available | Auto Ignition Temp | Not applicable |
| Solubility in Water: | Insoluble | Lower Flamm. Limit in Air | Not applicable |
| Appearance /Odors: | Odorless, grey-blue granules | Upper Flamm. Limit in Air | Not applicable |
| Flash Point: | N/A | | |
| Specific Gravity: | 7.14 | | |

SECTION 10 STABILITY AND REACTIVITY INFORMATION

Stability: Stable
Conditions to Avoid: None known
Materials to Avoid: Acids, alkalies, oxidizers, halogens, chlorine.
Hazardous Decomposition Products: Oxides of zinc.
Hazardous polymerization: Will Not Occur
Conditions to Avoid: None known

SECTION 11 Toxicological Information

SECTION 12 Ecological Information

SECTION 13 Disposal Considerations

SECTION 14 Transport Information

DOT Classification: Not Regulated

Zinc Metal 20 Mesh

DOT Regulations may change from time to time. Please consult the most recent D.O.T. regulations.

SECTION 15 Regulatory Information

SECTION 16 Additional Information

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.

Flammability

Health

Reactivity

Revisions

NFPA

0.2

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