

Material Data Safety Sheet

Manufacturer: OMNI/ajax
Address: 49 Pocono Forest
Gouldsboro, PA 18424
Phone# 570.848.4186
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Product Name: Mercury Magnet
MSDS#: N/A
CAS#: See below
Date Prepared: June 10, 2003
Prepared by: MAC

Material Identification and Information:

Copper, CAS# 7440-50-8; Zinc, CAS# 7440-66-6; Iron, CAS# 7439-89-6; Sulfamic Acid, CAS# 5329-14-6

Physical and Chemical Characteristics:

Boiling Point: N/A
Vapor Pressure: N/A
Vapor Density: N/A
Solubility in water: 6%
Appearance and Odor: Mixed gray & bronze powder; no odor

Specific Gravity: 3.10
Melting Point: N/A
Evaporation Rate: 0
Water Reactive: Some Hydrogen may release

Fire and Explosion Hazard:

Flash Point: N/A
Auto-Ignition Temperature: N/A
Unusual Fire and Explosion Hazards: None
Special Fire Fighting Procedures: None

Extinguisher Medium: Water
Flammability Limits in Air: N/A

Reactivity Hazard Data:

Stable, Conditions to avoid: Contact with strong alkalis, acids, chlorine, cyanide compounds, hypochlorites. May release SO₂, SO₃, and NH₃.
Hazardous Decomposition Products: Zinc vapor. Exposure to high temperatures may generate hazardous fumes.

Health Hazard Data:

Primary Route: Inhalation, Skin Contact. Health Hazards: Irritant of skin and eyes. Stomach upset. Chronic: None. Eye Contact: Flush with water. Skin Contact: Flush with water. Ingestion: Give universal antidote. Inhalation: Remove to fresh air.

Control and Protective Measures:

Use NIOSH respirator. Goggles and gloves. Other protective clothing as required in HazMat use. Wash hands after using.

Safe Handling and Leak Procedures:

Spills: Clean up using SorbaSet S Solidifier/Neutralizer

Waste Disposal: Call 800.309.9908 (Lamp Recyclers of LA), 800.554.2372(AERC Recycling Solutions) for amalgam recycling.

NFPA Rating: Health: 1, Flammability: 0; Reactivity: 2