



MATERIAL SAFETY DATA SHEET

Manufacturer: OMNI/ajax

Address: 490 Pocono Forest
Gouldsboro, Pa 18424
PH: 570-848-4186
FAX: 570-421-8052

Product Name: Mercury Magnet™

MSDS #: N/A
CAS#: See below
Date Prepared: June 10, 2010
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, hypo chlorites. 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.*
Ingestion: *Give universal antidote.*

Skin Contact: *Flush with water.*
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), 610.838.7034 (Bethlehem Apparatus) for amalgam recycling or contact the ALMR (www.almr.org) for the nearest mercury recycler.

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