

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 (June 10, 2013)

Boiling Point: N/A	Specific Gravity: 3.10
Vapor Pressure: N/A	Melting Point: N/A
Vapor Density: N/A	Evaporation Rate: 0
Solubility in Water: 6%	Water Reactive: Some hydrogen may release

Appearance and Odor: Mixed gray and bronze powder. No Order

FIRE and EXPLOSION HAZARD

Flash Point: N/A	Extinguisher Medium: Water
Auto-Ignition Temperature: N/A	Flammability Limits in Air: N/A
Special Fire Fighting Procedure: None	Unusual Fire and Explosion Hazards: None

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 and skin contact.
Health Hazards: Irritation 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), 610.838.7034 (Bethlehem Apparatus) for amalgam recycling.

NFPA Rating: Health 1, Flammability 0, Reactivity 2