



ALBUQUERQUE®

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6901 Washington NE
Albuquerque, New Mexico 87109

Material Safety Data Sheet

Material/Trade Name: EZ Wire Solder and Easy Sheet Solder
Stock Number: 101-100, 110, 200

EMERGENCY NUMBER ONLY
PLEASE NOTE: THIS 24 HOUR NUMBER IS LOCATED IN A HOSPITAL EMERGENCY ROOM. ONLY MEDICAL INFORMATION IS AVAILABLE. REFERENCE IS MADE BY RIO GRANDE STOCK NUMBER.
EMERGENCY TELEPHONE NO: (505) 823-8080

Section I Identification

Material/Trade Name EZ Wire Solder and Easy Sheet Solder
Stock Number 101-100, 110, 200
Synonyms Mixture

Nonemergency Telephone No. (505)345-8511

Date Prepared 3-12-87

Section II Ingredients/Identity Information

Component (Synonym)	%	CAS No.	TLV	PEL	Other
Silver	65	7740-22-4	0.1 mg/m ³	0.01 mg/m ³	None
Copper	20	7740-50-8	0.2 mg/m ³	0.1 mg/m ³	None
Zinc	12	7740-66-6	5 mg/m ³ *	5 mg/m ³ *	10 mg/m ³ STEL

* as zinc oxide fume

Section III Physical Properties

Boiling Point: Not available	Specific Gravity: 9.60
Vapor Pressure (mm Hg): Not available	Melting Point: Not available
Vapor Density (Air = 1): Not available	Evaporation Rate: Not available
Solubility in Water: Insoluble	Volatility: Not available
Appearance and Odor: Grey metallic solid	

Section IV Fire and Explosion Hazard Data

Flash Point: Not available	Flammable Limits	LEL: Unknown UEL: Unknown
Auto Ignition Temperature: Not available		
Extinguishing Media: Not flammable. Extinguishing media dependent upon material involved in fire.		
Special Fire-Fighting Procedures: Firefighters should wear full turnout gear and SCBA.		
Unusual Fire and Explosion Hazards: Do not add water to molten metal.		

Section V Reactivity Data

Stable? Yes Conditions to Avoid: None known

Incompatibility (Materials to Avoid): Acetylene, ammonia, hydrogen peroxide, chlorinated rubber

Hazardous Decomposition or Byproducts: Copper and silver fumes, zinc oxide

Hazardous Polymerization may occur? No Conditions to Avoid: None known



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Section VI Health Hazard Data

Primary Routes of Exposure: Inhalation, eye and skin contact.

Acute Signs and Symptoms of Overexposure: Irritating to eyes, skin, and respiratory tract. Health effects may include metal fume fever (delayed effect characterized by chills, muscle aches, nausea, fever, dry throat, cough, weakness, profuse sweating, and metallic taste), discoloration of skin and hair, blue-gray eyes, ulcerations, tight chest, headache, blurred vision, back pain, and vomiting.

Chronic Signs and Symptoms of Overexposure: None known

Carcinogenicity? No Listed in: None

Medical Conditions Generally Aggravated by Exposure: Wilson's disease - a genetic disease in which there is an abnormal absorption and retention of copper. Can be fatal if untreated.

First-Aid Procedures

Eye: Hold eyelids open and flush eyes for 15 minutes with large quantities of water. Seek medical attention.

Skin: Wash area with water. Seek medical attention.

Inhalation: Remove to fresh air. Restore breathing if necessary. Seek medical attention.

Ingestion: Seek medical attention.

Section VII Precautions for Safe Handling and Use

Actions to Take for Spills: Sweep up chips or fine particles. Protect against overexposure.

Waste Disposal: Hazardous waste-contains metals. Dispose of via a licensed disposal firms. See EPA 40CFR261.

Precautions to be Taken in Handling and Storage: Avoid heating above 1500°F.

Other Precautions: Use only in well ventilated spaces.

Section VIII Employee Protection Measures

Ventilation: Local ventilation is preferred to meet TLV requirements. General ventilation is acceptable if exposure is maintained below TLV.

Respiratory Protection: When airborne concentrations exceed TLV or are unknown, use a NIOSH/MSHA approved respirator for metal fumes in accordance with the OSHA respiratory protection requirements (29CFR 1910.134)

Eye Protection: Safety glasses with filter shades Protective Gloves: Leather welding gloves

Other Protective Equipment: Heat resistant clothing

Work/Hygiene Practices: Eye wash station and safety shower should be available in areas of use.

The information herein is given in good faith, but no warranty, express or implied, is made.