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

Section I Identification

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

Section II Ingredients/Identity Information

<table>
<thead>
<tr>
<th>Component (Synonym)</th>
<th>%</th>
<th>CAS No.</th>
<th>TLV</th>
<th>PEL</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>Silver</td>
<td>65</td>
<td>7740-22-4</td>
<td>0.1 mg/m³</td>
<td>0.01 mg/m³</td>
<td>None</td>
</tr>
<tr>
<td>Copper</td>
<td>20</td>
<td>7740-50-8</td>
<td>0.2 mg/m³</td>
<td>0.1 mg/m³</td>
<td>None</td>
</tr>
<tr>
<td>Zinc</td>
<td>12</td>
<td>7740-66-6</td>
<td>5 mg/m³*</td>
<td>5 mg/m³*</td>
<td>10 mg/m³ STEL</td>
</tr>
</tbody>
</table>

* as zinc oxide fume

Date Prepared: 3-12-87

Section III Physical Properties

Boiling Point: Not available
Vapor Pressure (mm Hg): Not available
Vapor Density (Air = 1): Not available
Solubility in Water: Insoluble
Appearance and Odor: Grey metallic solid

Specific Gravity: 9.60
Melting Point: Not available
Evaporation Rate: Not available
Volatility: Not available

Section IV Fire and Explosion Hazard Data

Flash Point: Not available
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
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.


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 shade
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.