

MATERIAL SAFETY DATA SHEET
Silver Alloy Wire

MSDS #4-L-9

1. PRODUCT IDENTIFICATION

PRODUCT NAME: Silver Alloy Wire

2. INGREDIENTS AND HAZARDS

INGREDIENTS

	<u>%</u>
(a) Silver	80.00 - 95.00
(b) Copper	5.00 - 20.00

3. PHYSICAL DATA

Appearance & Color: Products are solid metals and are supplied in various shapes. Color varies from yellowish to white.

4. FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used):
Extinguishing Media:
Special Fire Fighting Procedure:
Unusual Fire and Explosion Hazard:

5. REACTIVITY DATA

Stable:
Conditions to Avoid:
Hazardous Polymerization:

6. HEALTH HAZARD DATA

Inhalation: May cause Argyria, a blue-gray discoloration of the skin, mucous membranes, and eyes. Also may cause irritation of the respiratory tract or metal fume fever with symptoms of fever, chills, nausea, chest tightness, or metallic taste. Remove from exposure, seek medical attention.

7. PRECAUTIONS FOR SAFE HANDLING AND USE

	<u>CAS #</u>	<u>PEL #</u>	<u>TLV #</u>
<u>Ingestion:</u> May cause generalized Argyria and may be mildly irritating to the lining of the stomach and intestines. Seek medical attention.			
<u>Skin:</u> Localized Argyria may result. Remove contaminated clothing. Wash skin with soap and water.	7440-22-4	.01 mg/m ³	0.1 mg/m ³
<u>Eyes:</u> Irritation may result. Rinse thoroughly with clean water. Seek medical attention if symptoms develop.	7440-50-8	0.1mg/m ³	0.2 mg/m ³

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7. PRECAUTIONS FOR SAFE HANDLING AND USE (Continued)

Disposal: **MAY HAVE RECLAIM VALUE!** Dispose of any unsalvageable material in accordance with federal, state, and local regulations.

8. CONTROL MEASURES

Ventilation & Respiratory Protection: Provide efficient local exhaust ventilation necessary to meet T.L.V. requirements in the workplace. Approved respirator protection is required when heating, grinding, and for special operations where dust and/or fume exposure may occur.

Other Protective Equipment: Gloves and/or protective clothing is required to prevent excessive dust contact with skin and/or for protection from cuts, abrasions, etc. when performing mechanical operations or handling sharp

pieces of metal. Face and/or eye protection is recommended where the possibility of getting dust or particles in the eyes exists.

Work/Hygienic Practices: Avoid inhalation or ingestion. Practice good housekeeping. Avoid eating and smoking in the work area. Wash thoroughly before eating and smoking.

9. SUPPLIER NOTIFICATION

This product contains one or more chemicals which are listed in the EPA's, SARA, Title III, Section 313, Subpart D of 40 CFR 372, entitled Emergency Planning and Community Right-to-Know Act (EPCRA). The maximum concentrations (wt. %) of the toxic chemicals contained in this product are identified in Section 2 of this MSDS.

This information and data are taken from sources believed to be reliable and correct but cannot be warranted by manufacturer. User is responsible to determine suitability of material for a specific application.

11/4/05

Revision 5

Supersedes 1/5/01

RC/sco