

MATERIAL SAFETY DATA SHEET

Sn95 / Sb5 Lead Free Solder

Section 01
Info Furnished By: **Identification**
Amerway Inc.
3701 Beale Avenue
Altoona, PA 16601
01/01/2008
Date Effective:
Emergency Phone: 814-944-0200
Product or Trade Name: Sn95 Sb5 Lead Free Solder
Person to Contact: Terry Buck



Section 02	Constituents	%WT	Carcinogen	TLV/TWA
Chem	CAS			
Tin	7440-31-5	95	NO	2mg/cu m ACGIH 2mg/cu m (inorganic) OSHA 0.1mg/cu m (organic) OSHA
Antimony	7440-36-0	5	NO	0.5mg/cu m ACGIH/OSHA

This product contains a chemical subject to SECTION 313 of SARA Title III.

Section 03
Physical Data
Melting Point: 464 Degrees F.
Boiling Point: N/A
Vapor Pressure: Not volatile
Vapor Density (air is 1): Not volatile
Solubility in Water: NIL
Appearance and Color: Silver, gray
Specific Gravity: 7.3
Odor: None
% Volatile: NIL
ph: N/A
Evaporation Rate (nBuAc=1): N/A

Section 04
Fire and Explosion Hazard Data

Flash Point/Method Used: Not Flammable
Flammable Limits: N/A
Extinguishing Media: N/A
Fire-Fighting Equipment: If metal is present where there is a fire, wear self-contained breathing apparatus.
Special Precautions: None

Section 05
Reactivity Data

Stability: Stable
Conditions to avoid: N/A
Hazardous Polymerization: Will not occur
Conditions to avoid: N/A
Incompatibility: Strong acids, oxidizers, reducing agents, halogens.
Hazardous Decomposition Products: Antimonial fumes at high temperatures (exceeding 800°F.)

Section 06
Spill, Leak and Disposal Procedures

Action to take for spills/leaks: Allow to solidify and collect in sealed drums for disposal.
Disposal Method: Return to supplier for reprocessing

Section 07
Health Hazard Data

Eye: Dust or fume will be irritant.
Skin Contact: Not a route of entry into the body.
Skin Absorption: Not a route of entry into the body.
Ingestion: Ingestion of dust and fume must be avoided. Antimony is toxic and dust or fume can cause nasal septal ulceration and stomach lining irritation. Tin is not regarded as toxic but excessive exposure can cause fever, nausea, stomach cramps or diarrhea.
Inhalation: Inhalation of dust and fumes must be avoided.

Systemic & Other Effects: Unknown

Section 08
First Aid Procedures

Eyes: Flush with water for 15 minutes.
Skin: Wash thoroughly with soap and water. Remove contaminated clothing.
Ingestion: Induce vomiting if person is conscience. Get medical attention.
Inhalation: Remove to fresh air. Get medical attention

Note to Physician: N/A

Section 09
Special Handling Information

Ventilation: If fume or dust is being generated, mechanical ventilation must be provided to maintain exposure level below TLV'S.
Respiratory Protection: Only required if TLV's are exceeded. Use a NIOSH/MSHS approved respirator for toxic dust and/or fume.
Eye Protection: Wear safety glasses near hot metal.
Skin Protection: Not normally needed.

Other: N/A

Section 10
Special Precautions and Additional Information

Storage: Store in dry conditions.
Handling Information: No food or drink should be allowed in areas where these products are handled. Personnel must wash thoroughly after handling the metal before drinking eating or smoking.

Section 11
Transportation

Proper Shipping Name: Not Required
UN Number: N/A
NA Number: N/A
Dot Exemption No.: N/A
Hazard Classes: N/A

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