

Amerway Inc.  
3701 Beale Ave.  
Altoona, PA 16601  
PH 814-944-0200  
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## MATERIAL SAFETY DATA SHEET

Sn60/Pb40 Wire Solder  
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Section 01 Identification  
Info furnished by: Amerway, Inc.  
3701 Beale Avenue  
Altoona, PA 16601  
Date Effective: 01-01-2010  
Emergency Phone: 814-944-0200  
Chemtrec 800-424-9300  
Product or Trade Name 60/40 Wire Solder  
Person to Contact: Terry Buck

Section 02 Constituents

Chem	CAS	%WT	Carcinogen	TLV/TWA
Lead	7439-92-1	20-50	NO	0.5mg/cu m ACGIH 0.05mg/cu m OSHA (PEL)
Tin	7440-31-5	50-80	NO	2mg/cu m (inorganic) OSHA

Product contains a chemical subject to SECTION 313 of SARA Title III

Section 03 Physical Data  
Melting Point Approx. 376 Fahrenheit  
Boiling Point N/A  
Vapor Pressure Not volatile  
Vapor Density (air is 1) Not volatile  
Solubility in Water NIL  
Appearance & Color Gray colored metal  
Density 11.36 approx, depending on composition  
Odor None  
%Volatile NIL  
ph N/A  
Evaporation Rate(nBuAc=1) N/A

Section 04 Fire & 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 in case of poisonous lead fumes.  
Special precautions None



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<u>Section 05</u>	<u>Reactivity Data</u>
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:	Lead Fumes at high temperatures (above 800 degrees F.)

<u>Section 06</u>	<u>Spill, Leak and Disposal Procedures</u>
Action to take for spills/leaks:	Allow to solidify and collect in sealed containers for disposal.
Disposal Method:	Return to supplier for reprocessing

<u>Section 07</u>	<u>Health Hazard Data</u>
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 or fume must be avoided. Lead is toxic and cumulative, affecting the kidneys,, reproductive system and nervous system. Symptoms of chronic overexposure include anemia, insomnia, weakness, irritability, constipation and stomach Pains. Tin is not regarded as toxic but excessive exposure can cause fever, nausea, stomach cramps or diarrhea. This product, when used for welding and similar applications, produces chemicals known to cause cancer and birth defects (or other reproductive harm). (California Health & Safety Code 25249.5 et seq).
Inhalation:	Inhalation of dust and fumes must be avoided. Irritation of nose and bronchial tracts may occur as well as effects due to absorption of lead, etc. in blood stream.
Systemic & Other Effects:	UNK.



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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/MSHA approved respirator for toxic dust and/or fume. Note: See 29CFR1910.1025 subpart (f) of OSHA's Lead Standard.  
Eye Protection:                        Wear safety glasses as required.  
Skin Protection:                        Not normally needed but wash hands thoroughly.  
Other:                                N/A

Section 10                      Special Precautions & Additional Information  
Storage Handling Information:                        Store in dry conditions.  
Lead use is regulated under OSHA 29CFR 1910.1025. 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.