

MATERIAL SAFETY DATA SHEET

50/50 Solid Wire
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<u>Section 01</u>	<u>Identification</u>
Info furnished by:	Amerway, Inc. 3701 Beale Avenue Altoona, PA 16601
Date Effective:	01-01-2004
Emergency Phone:	814-944-0200
Chemtec	800-424-9300
Product or Trade Name	50/50 wire solder
Person to Contact	Terry Buck

<u>Section 02</u>	<u>Constituents</u>			
Chem	CAS	%WT	Carcinogen	TLV/TWA
Lead	7439-92-1	45-55	NO	0.5mg/cu m ACGIH 0.05mg/cu m OSHA (PEL)
Tin	7440-31-5	45-55	NO	2mg/cu m (inorganic) OSHA

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

<u>Section 03</u>	<u>Physical Data</u>
Melting Point	Approx. 421 Fahrenheit
Boiling Point	N/A
Vapor Pressure	Not volatile
Vapor Density (air is 1)	Not volatile
Solubility in Water	NIL
Apprence & Color	Gray colored metal
Density	11.36 approx, depending on composition
Odor	None
%Volatile	NIL
ph	N/A
Evaporation Rate(nBuAc=1)	N/A

<u>Section 04</u>	<u>Fire & Explosion Hazard Data</u>
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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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:	Lead Fumes at high temperatures (above 800 degrees F.)

Section 06 Spill, Leak and Disposal Procedures

Action to take for spills/leaks:	Allow to solidify and collect in sealed containers 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 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 Store in dry conditions.
Handling
Information: 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

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