

Amerway Inc.
3701 Beale Ave.
Altoona, PA 16601
PH 814-944-0200
FAX 814-944-1463



MATERIAL SAFETY DATA SHEET

50/50 Solid Wire
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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: 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

Section 03 Physical Data
Melting Point Approx. 421 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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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

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| 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

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| 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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| <u>Section 08</u> | <u>First Aid Procedures</u> |
| 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 |

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| <u>Section 09</u> | <u>Special Handling Information</u> |
| 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 |

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| <u>Section 10</u> | <u>Special Precautions & Additional Information</u> |
| 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. |

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| <u>Section 11</u> | <u>Transportation</u> |
| 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.