



Quality Through People and Technology

Sn 63 / Pb 37 Rosin Core

MATERIAL SAFETY DATA SHEET

Section 01

Identification

Info furnished by:

Amerway, Inc.
3701 Beale Avenue
Altoona, PA 16601

Date Effective:

01-01-2008

Emergency Phone:

814-944-0200

Chemtrec

800-424-9300

Product or Trade Name

Rosin core 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	50-70	NO	2mg/cu m ACGIH 2mg/cu m (inorganic) OSHA 0.1mg/cu m (organic) OSHA
Rosin	8050-09-7	0-3	NO	10mg/cu m OSHA (PEL)
Trade Secret	N/A	<.6	No	N/A

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

Section 03

Physical Data

Melting Point

Approx. 361 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 wire

Specific Gravity

7-11 approx., depending on composition

Odor

Slight

% Volatile

0-4%

ph

N/A

Evaporation Rate(nBuAc=1)

N/A

Section 04

Flash Point/Method Used
Flammable Limits
Extinguishing Media
Fire-fighting equipment

Fire & Explosion Hazard Data

Not Flammable
N/A
N/A
If metal is present where there is a fire, wear self-contained breathing apparatus in case of poisonous lead fumes.

Special precautions

None

Section 05

Stability:
Conditions to avoid
Hazardous Polymerization:
Conditions to avoid
Incompatibility:
Hazardous Decomposition
Products:

Reactivity Data

Stable
N/A
Will not occur
N/A
Strong acids, oxidizers, reducing agents.

Lead Fumes at high temperatures
(above 800 degrees F.)

Section 06

Action to take for spills/leaks:

Disposal Method:

Spill, Leak and Disposal Procedures

Allow to solidify and collect in sealed containers for disposal.
Return to supplier for reprocessing

Section 07

Eye:
Skin Contact:
Skin Absorption:
Ingestion:

Health Hazard Data

Dust or fume could be irritant to eyes, nose & throat.
Not a route of entry into the body.
Not a route of entry into the body.
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.
<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
<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:	Respiratory protection is recommended but 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 during soldering operations.
Skin Protection:	Not normally needed but wash hands thoroughly.
Other:	N/A
<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.
<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