

**SAFETY DATA SHEET****SECTION I MATERIAL IDENTIFICATION**

**MATERIAL NAME:** Acid Core Wire Solder  
(1-2870, 1-2872, 1-2874)

**DISTRIBUTOR'S NAME:**

K-T Industries, Inc.  
3112 NW Blvd  
Sheldon, Ia 51201  
712-324-5361  
Date: March, 2015

**SECTION II HAZARDOUS INGREDIENTS**

<b>CHEMICAL</b>	<b>CAS NUMBER</b>	<b>%WT</b>	<b>CARCINOGEN</b>	<b>TLV/TWA</b>
<b>Tin</b>	(7440-31-5)	30-60	NO	2mg/cu m (inorganic) OSHA
<b>Lead</b>	(7439-92-1)	40-70	NO	0.5mg/cu m ACGIH 0.05mg/cu m OSHA (PEL)
<b>Zinc chloride</b>	(7646-85-7)	1-3	NO	1.0mg/cu m (fume) OSHA
<b>Polyethylene glycol</b>	N/A	0-3	NO	N/A

Product contains a chemical subject to SECTION 313 of SARA Title 111.

**SECTION III PHYSICAL DATA**

Melting Point	Approx. 460 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	7.11 approx., depending on composition
Odor	Slight
% Volatile	0-4%
pH	N/A
Evaporation Rate (nBuAc=1)	N/A

**SECTION IV FIRE AND EXPLOSION HAZARD DATA**

Flash Point/Method Used	Not Flammable (Flux only 350 degrees F c.c.)
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

**SECTION V 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 VI HEALTH HAZARD DATA**

<b>Eye:</b>	Dust or fume will be irritant
<b>Skin Contact:</b>	Not a route of entry into the body.
<b>Skin Absorption:</b>	Not a route if entry into the body.
<b>Ingestion:</b>	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)
<b>Inhalation:</b>	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, ECT. in blood stream.
<b>Systemic &amp; Other Effects:</b>	UNK.

**SECTION VII SPILL, LEAK AND DISPOSAL PROCEDURES**

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

**SECTION VIII FIRST AID PROCEDURES**

<b>Eyes:</b>	Flush with water for 15 minutes.
<b>Skin:</b>	Wash thoroughly with soap and water. Remove contaminated clothing.
<b>Ingestion:</b>	Induce vomiting if person is conscience. Get medical attention.
<b>Inhalation:</b>	Remove to fresh air. Get medical attention.
<b>Note to Physician:</b>	N/A

**SECTION IX SPECIAL HANDLING INFORMATION**

<b>Ventilation:</b>	If fume or dust is being generated, mechanical ventilation must be provided to maintain exposure level below TLV'S.
<b>Respiratory Protection:</b>	Only required if LTV'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
<b>Eye Protection:</b>	Wear safety glasses as required.
<b>Skid Protection:</b>	Not normally needed but wash hands thoroughly.
<b>Other:</b>	N/A

**SECTION X SPECIAL PRECAUTIONS & ADDITIONAL INFORMATION**

<b>Storage:</b>	Store in dry conditions.
<b>Handling Information:</b>	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 XI TRANSPORTATION**

<b>Proper Shipping Name:</b>	Not required
<b>UN Number:</b>	N/A
<b>NA Number:</b>	N/A
<b>Dot Exemption No:</b>	N/A
<b>Hazard Classes:</b>	N/A

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