



SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

Product Name: **Lead Solder Alloy**
 Product Code: Lead Solder Alloy
 MSDS Manufacturer Number: Lead Solder Alloy
 Product Use/Restriction: Solder
 Manufacturer Name: Kester
 Address: 800 W. Thorndale Avenue
Itasca, IL 60143
 General Phone Number: (630)-616-4000
 Customer Service Phone Number: (800)-2KESTER (253-7837)
 CHEMTREC: CHEMTREC 24-Hour Emergency Telephone Number:
(800)424-9300
CHEMTREC 24-Hour Emergency Telephone Number:
((Outside of the U.S. and Canada):) (703)527-3887
 Website: msds@kester.com
 MSDS Creation Date: August 15, 2008
 MSDS Revision Date: March 11, 2010



HMIS	
Health Hazard	2*
Fire Hazard	0
Reactivity	0
Personal Protection	X

* Chronic Health Effects

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS#	Ingredient Percent	EC Num.
Antimony	7440-36-0	0 - 10 by weight	
Bismuth	7440-69-9	0 - 10 by weight	
Zinc	7440-66-6	0 - 10 by weight	
Copper	7440-50-8	0 - 10 by weight	
Lead	7439-92-1	0 - 100 by weight	
Tin	7440-31-5	0 - 100 by weight	
Silver	7440-22-4	0 - 10 by weight	

SECTION 3 - HAZARDS IDENTIFICATION

Emergency Overview: CAUTION! Irritant. Exposures to soldering fumes and vapors may be irritating to eyes, respiratory system, and skin.
 Route of Exposure: Eyes. Skin. Inhalation. Ingestion.
 Eye: Smoke during soldering can cause eye irritation.
 Skin: May cause irritation.
 Inhalation: Prolonged or excessive inhalation may cause respiratory tract irritation.
 Ingestion: May be harmful if swallowed. May cause vomiting.
 Chronic Health Effects: Suspected of damaging fertility or the unborn child
Repeated and prolonged exposure to lead and lead compounds may cause abdominal pain, diarrhea, loss of appetite, metallic taste, nausea, vomiting, lassitude, insomnia, muscle weakness, joint and muscle pain, irritability, headache and dizziness.
Red blood cells may be damaged resulting in anemia. Gastritis and injury to the kidneys, liver, male gonads, and central nervous system may also occur.

Lead :
 Carcinogenicity: IARC: Group 2B: Possibly carcinogenic to humans.

SECTION 15 - REGULATORY INFORMATION

Canada Reg. Status:	This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by the Controlled Products Regulations.
Canada WHMIS:	Controlled - Class: D2A Very Toxic
<u>Antimony:</u>	
TSCA Inventory Status:	Listed
Canada DSL:	Listed
<u>Bismuth:</u>	
TSCA Inventory Status:	Listed
Canada DSL:	Listed
<u>Zinc:</u>	
TSCA Inventory Status:	Listed
Canada DSL:	Listed
<u>Copper:</u>	
TSCA Inventory Status:	Listed
Canada DSL:	Listed
<u>Lead:</u>	
TSCA Inventory Status:	Listed
Canada DSL:	Listed
<u>Tin:</u>	
TSCA Inventory Status:	Listed
Canada DSL:	Listed
<u>Silver:</u>	
TSCA Inventory Status:	Listed
Canada DSL:	Listed

WHMIS Pictograms**SECTION 16 - ADDITIONAL INFORMATION**

General Use:

Solder

HMIS Health Hazard:

2*

HMIS Fire Hazard:

0

HMIS Reactivity:

0

HMIS Personal Protection:

X

MSDS Creation Date:

August 15, 2008

MSDS Revision Date:

March 11, 2010

Disclaimer:

The information contained herein is based on data considered accurate and is offered solely for information, consideration and investigation. Kester extends no warranties, makes no representations and assumes no responsibility as to the accuracy, completeness or suitability of this data for any purchaser's use. The data on this Material Safety Data Sheet relates only to this product and does not relate to use with any other material or in any process. All chemical products should be used only by, or under the direction of, technically qualified personnel who are aware of the hazards involved and the necessity for reasonable care in handling. Hazard communication regulations require that employees must be trained on how to use a Material Safety Data Sheet as a source for hazard information.

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