

Nathan Trotter & Co.

Material Safety Data Sheet

Section 1 Identification					Section 6 Accidental Release Measures					
Product Name:	Tin-Lead 90/10Alloy	Health:	2			Sweep up and place in suitable (fiberboard) containers for reclamation or later disposal.				
Chemical Family:	Metal	Flammability:	2							
Formula:	Sn/Pb	Reactivity:	0			Section 7 Handling and Storage				
C.A.S	7440-31-5 7439-92-1	Hazard Scale: Least Slight Moderate High Extreme 0 1 2 3 4			Store in a cool dry well ventilated area. Keep away from heat and flame. Do not get in eyes, on skin, or on clothing.					
		NA = Not Applicable NE = Not Established								
Section 2 Component Mixture					Section 8 Exposure Controls & Personal Protection					
Component	CAS Number	%	Dim	Exposure Limits:	Respiratory Protection: NIOSH approved dust mask Mechanical: <input type="checkbox"/> Hand Protection: Gloves to prevent skin exposure as latex or vinyl Ventilation: Local Exhaust: <input checked="" type="checkbox"/> Eye Protection: Splash Goggles					
Tin	CAS# 7440-31-5	90%	W/W	2 mg/mf						
Lead	CAS# 7439-92-1	10%		.05 mg/mf	Other Protective Equipment: Wear appropriate					
Section 3 Hazard Identification (Also see section 11)										
Generally not hazardous in normal handling, however good laboratory practices should always be used. Avoid long term exposure to skin or by inhalation.					Section 9 Physical and Chemical Properties					
Section 4 First Aid Measures					Melting Point: 360-620°F Specific Gravity 8.52g/cc Boiling Point: 2984°F Percent Volatile by Volume: 0 Vapor Pressure: Not volatile Evaporation Rate: N/A Vapor Density: Information not available Evaporation Standard: Solubility in Water: Insoluble Auto ignition Temperature: Not applicable Appearance and Odor: Silvery-Gray granules, bars Lower Flamm. Limit in Air: Not applicable Flash Point: N/A Upper Flamm. Limit in Air: Not applicable					
<p>INHALATION: Lead intoxication may occur from high temperature solder exposure. Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen</p> <p>FIRST AID: SKIN: Wash exposed area with soap and water. If irritation persists, seek medical attention.</p> <p>EYES: Wash eyes with plenty of water for at least 15 minutes, lifting lids occasionally. Seek Medical Aid.</p> <p>INGESTION: Do not induce vomiting. Contact a physician.</p>										
Section 5 Fire Fighting Measures					Section 10 Stability and Reactivity Information					
Fire Extinguisher Type:	Special powder or dry sand. Do not use water!				Stability: Stable Conditions to Avoid: Moisture Materials to Avoid: Halogens, halogen trifluorides, sulfur, potassium peroxide, acids Hazardous Polymerization: Will Not Occur Condition to Avoid: None known					
Fire/Explosion Hazards:	Dust at sufficient concentrations can form explosive mixtures with air.									
Fire Fighting Procedure:	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing. Toxic fumes may be generated at elevated temperatures.				Section 11 Additional Information					
The information contained herein is believed to be accurate and is offered in good faith for the user's consideration and investigation. No warranty is expressed or implied regarding the completeness or accuracy of this information, whether originating from Nathan Trotter & Co., Inc. or from an alternate source. Users of this material should satisfy themselves by independent investigation of current scientific and medical information that this material may be safely handled.					This product contains lead, known to cause birth defects or other reproductive harm. This product is not listed as a carcinogenic by the National Toxicology Programs (NTP) nor is it regulated as a carcinogenic by the Occupational Safety and Health Administration (OSHA).					
					DOT Classification: Not Regulated					
DOT regulations may change from time to time. Please consult the most recent version of the relevant regulations.					Revision No:2 Date Entered: 8/01/06 Approved by: LME					