

Product Name: Solder Stick 63/37 Sn/Pb

## SECTION 1 - IDENTIFICATION

**Common Name** : Solder Stick 63/37

**Chemical Family** : N/A

## SECTION 2 - COMPOSITION INFORMATION

**Components** : 63/37 Sn/pb Flux % N/A

## SECTION 3 - HEALTH HAZARDS

**Primary Routes of Entry** : Fume inhalation, ingestion, skin, and eyes.

**Medical Conditions Generally Aggravated by Overexposure:** : None presently known

**Symptoms of Overexposure** : Pulmonary edema, abdominal pain, vomiting, eye damage and skin burn

**Chemical Listed as a Carcinogen or Potential Carcinogen** : None

## SECTION 4 - EMERGENCY AND FIRST AID PROCEDURES

**Eyes** : Flush with water for 15 minutes. Call a physician.

**Skin** : Wash thoroughly with water

**Inhalation** : Remove to fresh air or administer oxygen. Call physician.

**Ingestion** : Give water or milk. Get medical attention.

## SECTION 5 - FIRE AND EXPLOSION HAZARD DATA

**Flash Point** : >N/A

**Extinguishing Media** :

**Flammable Limits** : N/A

**Auto Ignition Temperature** : N/A

**Special Fire Fighting Procedures** : Self contained breathing apparatus: avoid conditions generating dust

**Unusual Fire and Explosion Hazards** : Avoid overheating or exposure to open flame.

**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

**Steps to be taken in case material is spilled** : Dispose of in accordance with EPA regulations.

**SECTION 7 - HANDLING AND STORAGE**

**Storage Requirements** : Store in plastic containers in cool area, away from heat

**Handling Precautions** : Safe precautionary practices to avoid spills and exposure to skin and fumes

**SECTION 8 - CONTROL MEASURES**

**Ventilation** : Yes

**Mechanical (General)** : Yes

**Local Exhaust** : Yes

**Eye Protection** : Safety glasses/goggles

**Protective Gloves** : Recommended

**SECTION 9 - PHYSICAL AND CHEMICAL CHARACTERISTICS**

**Melting Point** : 189 degree Celsius

**Working temp** : 250-260 Degree Celsius

**SECTION 10 - STABILITY AND REACTIVITY**

**Stability** : Unstable  
(Conditions to Avoid): Prolonged contact with skin

**Incompatibility** : Acids, oxidizing agents.

**Hazardous Decomposition Products** : Carbon monoxide on incomplete burning, ammonia oxides of sulfur and nitrogen, aldehydes, carbon dioxide

**Hazardous Polymerization** : Will not occur

**SECTION 11 - TOXICOLOGICAL INFORMATION****1) Oral** : LD-50 (rat): Not available Acute Toxicity Data**2) Inhalation** : LC-50 (rat): Not available**3) Dermal** : LD-50 (rabbit): Not available**4) Skin Irritation** : (rabbit): Not available**SECTION 12 - ECOLOGICAL INFORMATION**

This material has not been tested for environmental effects.

**Specification – Material: Solder Stick 63/37 Sn/Pb**

1	Sn	63% ± 0.5
2	Cu	0.05
3	Ag	0.02
4	Bi	0.1
5	Fe	0.02
6	Ai	0.002
7	Sb	0.02
8	As	0.01
9	Cd	0.01
10	Pb	Rest
11	Flux	NA