

Product Name: NO-CLEAN SOLDER WIRE 60/40 Sn/Pb

SECTION 1 - IDENTIFICATION

Common Name : No-clean Solder Wire 60/40

Chemical Family : No-clean core flux

SECTION 2 - COMPOSITION INFORMATION

Components : 60/40 Sn/Pb, Rosin, Activators
Flux 1.0-2.0 %

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 : Alcohol foam, dry chemical, carbon dioxide

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 : 300-350 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.

Material: **TDS**

1	Sn	60% ± 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	1.20% ± 0.1