

SAFETY DATA MSDS

LEAD SOLDER 60/40

Art Number r: 60/40

Object: Sn60Pb40

Appearance : The surface shining and clean.

features: Solder performance especially good , Welding residual transparent , non-corrosive 。

Purpose: Suitable for general electronic parts and electric appliance's welding 。

Specifications : meet GB/T8012-2000, GB/T3131-2001 requirements 。

Physical properties

(1) liquid temperature :190° 。

(2) proportion : about 8.5 。

Alloy consisting of (Wt%)

Alloy	Component(%)		Impurities part (%)								
	sn	Pb	Ag	Cu	Bi	Zn	Fe	Sb	Al	As	Cd
	60	40	<0.01 5	<0.0 2	<0.0 1	<0.00 1	<0.0 1	<0.01 2	<0.00 1	<0.0 1	<0.00 1

1. Goods and manufacturers

Item :60/40 Tin tin bar line

Items Numbers : 60/40

2. Ingredient material

Name	patent	(WT %)	CAS NO
Tin	Sn	59	7441-31-5
Lead	Pb	40	7439-92-1
antimony	Sb	1	7440-36-0

3. Emergency measures

In case of the following circumstances when in operation, please handle according to the following guidelines

* Sucked in: patients will be moved to fresh air. If the patient has stopped breathing, impose artificial respiration and emergency treatment.

* Skin exposure: wash with large amount of water, use soap if possible. If irritable again, go to the hospital

* Eye contact: wash with large amount of water, 15 minutes or until the

feeling disappear. If irritable again, go to the hospital
* Eating: no spits (unless medical personnel instructions); If, patients still conscious and sober, go to the hospital immediately.
The most important symptoms and urgent harmful effects: human inhaled over metal powder to obnubilation
*Protection for emergency personnel: No
*warning to the doctor: No

4. Fire extinguishing measures

Applicable fire extinguishing agent: water, foam, dry powder and co2 extinguisher.
Extinguish may meet special harm: no relevant literature to follow.
Special fire-fighting program: do not apply. .
Firefighters special protective equipment: oxygen tanks and protective clothing

5. Leak processing method

Individuals should note: avoid breathing solder smoke or dust
Environmental precautions: don't let leak expanding.
Cleaning method: Air exhaust or wash .

6. Safe handling and storage method

Disposal:
* read all the containers labeled.
*Eating, drinking, smoking and makeup is prohibited in working place
*the operator use soap to wash their hands after operation
Storage: avoid high temperature; avoid contact the oxidant, acid and hydrogen peroxide

7. Physical and chemical data

Physical shape: solid	PH: not applicable
Shape: bar/linear	Color: silver
Molecular weight: not applicable	Melting point: 190 °C
Boiling point: not applicable	Flash point: not applicable
Decomposition temperature: 560 °C	Explosion boundaries: not applicable
Natural temperature: not applicable	smell: without odour
Steam proportion: air = 1 : not applicable	Steam pressure: not applicable
Density: 8.5 g/cm ³	Solubility: insoluble in water

8. Stability and reactivity

Stability: stability applicable
Harm decomposition products: lead
The situation: high temperature should be avoided
Should avoid substances: and acid, hydrogen peroxide, etc strongly acidic and strong oxidizing physical contact

9. Regulations

Labor safety and health law, waste cleaning method related regulations
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10. Ecological environment

Environmental impact/environmental distribution central treatment:
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11.waste disposal method

Waste processing methods: Pests need on centralism processing

12. laws and regulations:

Practical laws and regulations.
1. dangerous and harmful general rules.
2. the administration of toxic chemical substances.