

| | | | | |
|---|-------------|------------|------------------|----------------------------|
| SnCu0.7 Tin-copper alloy wire MSDS | File No. | TL/ZW-1014 | Controlled State | |
| | | | Version | A |
| | Expiry Date | 2008.12.1. | Page | Page 1 (3 ages in total)p |

1. Material Name and Manufacturer information

Section 1. Substance & Manufacture Information

1.1 Substance Name: SnCu0.7 Tin-copper alloy wire

2. Composition

Section 2. Composition/Information on Ingredients

| No. | Name | CAS NO | EINECS | Contents (%) |
|-----|-------------|-----------|-----------|--------------|
| 1 | Tin (Sn) | 7440-31-5 | 231-141-8 | Margin |
| 2 | Copper (Cu) | 7440-50-8 | 231-159-6 | 0.5~0.9 |

3. Risk

Section 3. Hazards Identification

3.1 Normally, the product is harmless; the product is of no burning explosive. But the high-temperature melting should take appropriate precautions to avoid direct contact with the human body.

3.2 Environmental management of six substances Pb, Cd, Hg, Cr6 +, PBB, PBDE compliance with EU RoHS standards

3.3 The product does not contain "the candidate list for licensed material" in 16 kinds of SVHC substances (June 30, 2008 ECHA/PR/08/18), in accordance with the terms of the requirements of REACH regulation 7.2 does not need to be informed ECHA, is hereby Description However, the company will respond to any concern and ECHA list of substances to be authorized by the amendment.

4. First Aid Measures

Section 4. First Aid Measures

4.1 Skin contact: no stimulating effect on the skin, even under normal circumstances there is no harm, but clean the skin after use is advisable.

4.2 Eye contact: This product is smaller in diameter filamentous material, under normal circumstances will not have access, if inadvertently hurt the eyes, please seek medical treatment immediately.

4.3 Inhalation: This product has no volatile components.

4.4 Ingestion: Unless caused by the digestive system body injury forced ingestion, please seek medical treatment immediately.

5. Fire Fighting Measures

Section 5. Fire Fighting Measure

This product is no fire hazard.

| | | | | |
|---|-------------|------------|------------------|---------------------------|
| SnCu0.7 Tin-copper alloy wire MSDS | File No. | TL/ZW-1014 | Controlled State | |
| | | | Version | A |
| | Expiry Date | 2008.12.1. | Page No. | Page 2(3 pages in total) |

6. Leak contingency

Section 6. Accidental Release Measures

This product is solid, does not involve leakage.

7. Handling and Storage

Section 7. Handling and Storage

Proposed operators wear masks work, to prevent dust inhalation, wear gloves when working. Stored in a cool, dry, ventilated warehouse, away from fire heat to keep the packaging intact, to avoid the wet and with acid, alkali mix of material, storage of not more than 6 months.

8. Body touch control and personal protection

Section 8. Exposure Controls/Personal Protection

Avoid drinking before work, after the bath, slip into the work carried out pre-employment and periodic medical examinations, the other without special protective measures.

9. Physical and Chemical Properties

Section 9. Physical and Reactivity

Appearance: Light color like silver wire, no special smell.

Melting point: 227°C

Boiling point: over 2250°C Specific gravity: 7.3 g/cm³

10. Stability and Reactivity

Section 10. Stability and Reactivity

Stability: Stable

Cut with things: strong acid, strong acid case of replacement reaction will generate hydrogen, while hydrogen is flammable and explosive gases, and acid in case of contact, should be 1, is strictly prohibited around the fire; 2, disengagement; 3, dilute with plenty of water; 4, the ventilation so that hydrogen shorting.

Avoid contact with conditions: high temperatures. This product is a low melting point metal material, temperature exceeds 227 °C began to melt into a liquid, molten metal can flow in such cases should be contacted immediately from the heat and air-cooled cooling, a large number of molten

metal Jiyong water will cool.

11. Toxicological information.

Section 11. Toxicological Information

11.1 Actue Toxicity: No

11.2 Local Effect: No

11.3 Irritation: No

11.4 Slow Toxicity and Long-term Toxicity: No

| | | | | |
|---|------------|------------|---------------------|--------------------------------|
| SnCu0.7 Tin-copper alloy wire MSDS | File No. | TL/ZW-1014 | Controlled state | |
| | | | Version | A |
| | Valid date | 2008.12.1. | Page | Page 3(3 pages in total) |

11.5 Special effect: No.

12. Ecological Information

Section 12. Ecological Information

No adverse ecological effect

13. Disposal

Section 13. Disposal Considerations

No hazardous waster, recyclable

14. Transport information

Section 14. Transport Information

Non-hazardous material, placed within the packaging, shipping, land transportation, can be aired.

15. Regulatory information

Section 15. Regulatory Information

Standards GB/T728-1998 Tin ingot

GB/T467-1997 Copper Cathode

GB/T8888-2003 Heavy non-ferrous metal processing products, packaging, marking, transportation and storage.

16. Other Information

Section 16. Other Information

No