

Product Health and Safety Sheet

Solder Alloy Sn99.3Cu0.7 SP

Date created: 14/10/04 - Update: 09/12/05 - Revision Number: 02

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Recommendations For The Control Of Substances That Could Constitute A Hazard To Safety And Health

Safety data sheet compliant to regulation 6 of (CHIP2)
Chemical (Hazard Information and Packaging for Supply) Regulations 1994

1 - Identification of the substance or preparation and company details.

- 1.1 Commercial name : **Solder Alloy. Sn99Cu SP**
- 1.2 Manufacturer : METAUX BLANCS OUVRES (M.B.O.) s.a., FRANCE.
- 1.3 Contact :
: Tel; ++33 3 80 46 12 58 Fax ++33 3 80 46 66 59

2 - Composition and Information on Ingredients.

- 2.1 : Alloy of Tin (Sn) Copper (Cu)
- 2.2 : Impurities (representing a danger): None.
- 2.3 : Table of information on ingredients * (HSE – EH40/95):

Ingredients	CAS Number	% Mass
Sn	7440 – 31 – 5	99.3
Cu	7404 – 42 – 1	0.7

3 - Hazard identification.

- 3.1 Dangerous substances : None.
- 3.2 Classification : N/A
- 3.3 Risk Phrases : N/A
- 3.4 Safety Phrases : N/A

4 - First Aid Measures.

- 4.1 Eyes : N/A
- 4.2 Skin : N/A
- 4.3 Inhalation of fumes : N/A
- 4.4 Oral Ingestion : N/A

5 - Fire fighting measures. (methods to extinguish)

- 5.1 Recommended : N/A
- 5.2 Exceptions : N/A
- 5.3 Others given : N/A

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6 - Accidental release measures. (leakage or spillage)

- 6.1 Personal precautions : Wash hands after handling
6.2 Environmental precautions: See notes under heading 13 – Disposal considerations.

7 - Handling packaging and storage.

- 7.1 Handling precautions : Wash hands after handling.
7.2 Packaging : Wound onto spools of various capacities or in cartons
7.3 Storage conditions : at 20°C indefinite

8 - Exposure controls and personal protection. (individual safety)

- 8.1 Eyes : N/A
8.2 Skin : Wash hands after handling
8.3 Respiratory : N/A

9 - Physical and chemical properties.

- 9.1 Physical State (Appearance) : White metal wire
9.2 Working temperature : Eutectic 227°C. W.T. 300 to 450°C
9.3 Specific Gravity (Density) : 7.3 g/cm³ at 20°C
9.4 Solubility : N/A
9.5 Flash point : N/A
9.6 Automatic combustion temperature : N/A

10 - Stability and reactivity.

- 10.1 Condition to avoid : N/A
10.2 Materials to avoid : N/A
10.3 Hazardous decomposition : N/A

11 - Toxicological information. (health, hazard and symptoms)

- 11.1 Eye contact : N/A
11.2 Skin contact : Wash hands after handling
11.3 Inhalation : N/A
11.4 Oral ingestion : N/A
11.5 long term exposure : N/A.
11.6 Toxicological data : N/A

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12 - Ecological information. (protection of the environment)

12.1 Mobility : N/A
12.2 Persistence and degradability : Non-degradable

13 - Disposal considerations.

13.1 Waste Disposal: Any waste materials should be stored in sealed containers and be disposed of according to the relevant Acts of Parliament and Local Authority Bylaws, advice can be obtained from your local waste disposal officer.

14 - Transport information. (special precautions)

14.1 UN – Classification : N/A
14.2 RID / ADR – Class : N/A
14.3 IMDG : N/A
14.4 IATA : N/A

15 - Regulatory information

15.1 Where appropriate, refer to the information under the headings:

- 8 - *Exposure controls and personal protection*
- 13 - *Disposal considerations.*

16 - Other Information

16.1 General: This product should only be used by authorised personnel who have been properly trained in the handling and use in accordance with good industrial hygiene and safety practices. A specific product specification data sheet is also available.

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