

Safety Data Sheet

Regulation 1907/2006/EC, Article 31 REACH
Issue Number 1, Revision Date: October 2018
No. of pages 4

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product Identifier

Product Name High Purity Solder Bar Lead Free 99C (Sn99.3Cu0.7)
(RoHS Compliant/Reach Compliant) No SVHC's

1.2. Relevant Identified uses of the substance or mixture and uses advised against

Description Solder bar for wave soldering. For Industrial Use only .

1.3. Details of the supplier of the safety data sheet

Company Solderking Assembly Materials Limited

Address Unit 5D
Lancaster Road
Carnaby Industrial Estate
Carnaby
Bridlington
East Yorkshire
YO15 3QY

Web

Telephone -

Email of competent person 01262 363088
info@solderking.com

1.4. Emergency telephone number

01262 363088

SECTION 2: Hazards Identification

2.1. Classification of the mixture

Main Hazards P403+P235 Store in a well ventilated place. Keep cool

Label Elements EC 1272/2008

Classification Not Classified

GHS Symbols Not Classified

Hazard Statements

Precautionary Statements

3.1. This material is defined as a mixture

Chemical Name	CAS No	EC No.	REACH Registration Number	Conc.(%w/w)
Tin	7440-31-5	231-141-8	01-2119486474-28-xxxx	99.3
Copper	7440-50-8	231-159-6	01-2119480154-xxxx	0.7

SECTION 4: First Aid Measures

4.1. Description of first aid measures

Inhalation If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a doctor. Keep affected person warm and at rest.

Eye contact Flush eyes with plenty of water. Make sure contaminated water washes away from the face. Make sure the eyelids are properly washed.

Skin contact Wash off with soap and plenty of water. Always wash hands before eating, drinking,

High Purity Solder Bar Lead Free 99C

biting nails or smoking, when using solder products. Molten metal – cool burn site immediately with clean cold water and seek medical attention.

Ingestion Rinse mouth with water. Will irritate gastric tract. Do not induce vomiting. Never give anything by mouth to an unconscious person. Obtain medical attention.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation Not known

Eye Contact

Skin Contact Obtain treatment for burns

Ingestion

4.3 Indication of any immediate medical attention and special treatment needed

Seek medical attention if any symptoms persist

SECTION 5: Firefighting Measures

5.1. Extinguishing Media

Use extinguishing media appropriate to the surrounding fire conditions (Dry chemical, carbon dioxide, water spray or foam)

5.2. Special hazards arising from the substance or mixture

No specific fire or explosion hazard.

5.3 Advice for Fire Fighters

Remove all persons from the area of the accident if there is a fire. Fire fighters should wear self-contained breathing apparatus with a full face piece operated in positive pressure mode.

SECTION 6: Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Do not walk through or touch spilt material. Ensure adequate ventilation of the working area.

6.2. Environmental precautions

Do not allow product to enter drains, soil, waterways and sewers. Prevent further spillage if safe

6.3. Methods and material for containment and cleaning up

Sweep up and shovel. Keep in suitable closed containers for disposal.

6.4. reference to other sections

See section 2,8,13 for further information

SECTION 7: Handling and Storage

7.1. Precautions for safe handling

Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Fumes produced during reflow should be extracted away from the breathing zone of operators. Wash hands with soap and warm water after handling soldering products. Adopt best manual handling considerations when handling, carrying and dispensing.

7.2. Precautions for safe storage, including and incompatibilities

Keep in a cool, dry, well ventilated area.

7.3. Specific end use(s)

Bar solder for pots

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Exposure Limit Values

Tin 2 mg/ m³ 8 hour Time Weighted Average, UK EH40

Copper 0.2mg/m³ 8 hour Time Weighted Average, UK EH40

8.2. Exposure Controls

8.2.1 Appropriate engineering controls Extraction should be used to reduce exposure. Please use health and safety guidelines to choose suitable extraction.

8.2.2. Individual protection

measures

Eye/face protection

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of the work day. Wash contaminated clothing before re-use. Ensure that eye wash stations are close to the work area.

Skin / Hand protection

Wear protective clothing. Handle with gloves. Gloves must be inspected prior to use. When handling dross or molten metal, heat resistant gloves should be used. Wash and dry hands.

Biological Standards

None

Environmental exposure controls

The material possesses minimal risk to the environment.

SECTION 9: Information on basic physical and chemical properties

State	Solid
Colour	Grey
Odour	Metal
pH	No data available
Melting point	227°C
Freezing point	Not available
Boiling point	Not available
Flash point	Not available
Evaporation rate	Not available
Flammability limits	Not available
Vapour flammability	Not available
Vapour pressure	Not available
Vapour density	Not available
Relative density	Not available
Fat solubility	Not available
Partition coefficient	Not available
Autoignition temperature	Not available
Viscosity	Not available
Solubility	Insoluble in water

9.2. Other Information

Conductivity	No data available
Surface Tension	No data available
Gas group	No data available

SECTION 10: Stability and Reactivity

10.1. Reactivity

No data available on this product

10.2. Stability

10.3. Possibility of Hazardous Reactions

None

10.4. Conditions to avoid

None

10.5. Incompatible Materials

None

10.6. Hazardous Decomposition Products

No data available

SECTION 11: Toxicological Information

11.1. Information on toxicological effects

Inhalation	Fumes generated during use may cause sensitisation to the respiratory system and should be extracted away from the operator.
Ingestion	
Skin Contact	Skin contact should be avoided.
Eye contact	No information available.
Target Organs	No information available
Germ cell mutagenicity	No information available.
Carcinogenicity	No information available.

SECTION 12: Ecological Information

12.1. Toxicity

Rated as slightly toxic to aquatic species

12.2. Persistence and degradability

Resistant to bio-degradation and insoluble in water.

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

No data available

12.6. Other adverse effects

No data available

SECTION 13: Disposal Considerations

General Information

Dispose of in compliance with all local and national regulations. Empty containers may contain product residue. The product container must be disposed of in a safe way.

Disposal methods

Contact a licensed waste disposal company. Avoid dispersal of spilt material and runoff in contact with soil, waterways

Disposal and Packaging

Do NOT reuse empty containers. Empty containers can be sent for disposal and recycling.

Further Information

For disposal with the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used. 06 04 05 Wastes containing other heavy metals. Hazardous waste.

SECTION 14: Transport Information

Hazard Pictograms

Not hazardous for transport

14.1. UN Number

-

14.2. UN Proper Shipping Name

-

14.3. Transport Hazard Class

ADR/RID

-

Subsidiary risk

-

IMDG

-

Subsidiary risk

-

IATA

-

Subsidiary risk

-

14.4. Packing Group

Packing Group

-

-

14.5. Environmental Hazards

Environmental hazard

No

Marine Pollutant

No

ADR/RID

Hazard ID

-

Tunnel Category

-

IMDG

Ems Code

-

IATA

Packing Instruction (Cargo)

-

Maximum quantity

-

Packing Instruction (Passenger)

-

Maximum quantity

-

SECTION 15: Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

15.2 Chemical safety assessment

For this product a chemical safety assessment was not carried out

SECTION 16: Further Information

This product is Reach and RoHS compliant.

The information supplied in this safety data sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information related only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.

Please contact info@solderking.com for more information