



## SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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### RS 60-40 Sn-Pb Colophony free no clean solder wire

Revision 5

Revision date 2015-12-10

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

##### 1.1. Product identifier

Product name	RS 60-40 Sn-Pb Colophony free no clean solder wire
CAS No.	7439-92-1
EC No.	231-100-4

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

Description	Soldering.
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##### 1.3. Details of the supplier of the safety data sheet

Company	RS Components Ltd
Address	Birchington Road Corby Northants NN17 9RS
Telephone	+44(0)1536 402888
Fax	+44(0)1536 401588
Email	technical.help@rs-components.com

##### 1.4. Emergency telephone number

Emergency telephone number	+44(0)1536 402888  8 am - 8pm Mon-Fri
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#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

2.1.1. Classification - 67/548/EEC	Xn; R33-62 Symbols: Xn: Harmful.
Main hazards	Danger of cumulative effects. Possible risk of impaired fertility.
2.1.2. Classification - EC 1272/2008	Acute Tox. 4: H302+H332; Aquatic Chronic 1: H410;

##### 2.2. Label elements

Hazard pictograms	
Signal Word	Warning
Hazard Statement	Acute Tox. 4: H302+H332 - Harmful if swallowed or if inhaled. Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.
Precautionary Statement: Prevention	P202 - Do not handle until all safety precautions have been read and understood. P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P264 - Wash thoroughly after handling. P270 - Do not eat, drink or smoke when using this product.

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## 2.2. Label elements

Precautionary Statement: Response	P271 - Use only outdoors or in a well-ventilated area. P273 - Avoid release to the environment. P281 - Use personal protective equipment as required. Warning! Contains lead.
	P301+P312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P308+P313 - IF exposed or concerned: Get medical advice/attention.
Precautionary Statement: Disposal	Do not empty into drains; dispose of this material and its container in a safe way.

## SECTION 3: Composition/information on ingredients

## 3.1. Substances

## 67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Lead solid (Lead)		7439-92-1	231-100-4	01-2119513221-59	35-45%	Xn; R33-62
Tin		7440-31-5	231-141-8	01-2119486474-28	60-70%	
Other (Not Classified)					1 - 5%	Xi; R36/37/38

## EC 1272/2008

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Other (Not Classified)					1 - 5%	

## SECTION 4: First aid measures

## 4.1. Description of first aid measures

Inhalation	Toxic by inhalation. Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. Inhalation of vapour may cause shortness of breath. Move the exposed person to fresh air. Seek medical attention.
Eye contact	May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Skin contact	Toxic in contact with skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention.
Ingestion	Toxic if swallowed. Ingestion is irritating to the respiratory tract and may cause damage to the central nervous system. If swallowed, seek medical advice immediately and show this container or label. DO NOT INDUCE VOMITING.

## SECTION 5: Firefighting measures

## 5.1. Extinguishing media

	Use as appropriate: Carbon dioxide (CO2), Dry chemical, Foam.
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## 5.2. Special hazards arising from the substance or mixture

	Burning produces irritating, toxic and obnoxious fumes.
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## 5.3. Advice for firefighters

	Wear: Self-contained breathing apparatus. Wear chemical protective clothing.
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## SECTION 6: Accidental release measures

## 6.1. Personal precautions, protective equipment and emergency procedures

	Ensure adequate ventilation of the working area. Evacuate personnel to a safe area. Wear
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**6.1. Personal precautions, protective equipment and emergency procedures**

suitable protective equipment.

**6.2. Environmental precautions**

Do not allow product to enter drains. Prevent further spillage if safe.

**6.3. Methods and material for containment and cleaning up**

Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

**SECTION 7: Handling and storage****7.1. Precautions for safe handling**

Avoid contact with eyes and skin. Ensure adequate ventilation of the working area.

**7.2. Conditions for safe storage, including any incompatibilities**

Keep in a cool, dry, well ventilated area. Keep containers tightly closed.

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****8.1.1. Exposure Limit Values**

RS 60-40 Sn-Pb Colophony free no clean solder wire (Lead)	DIR: 82/605	8hTWA ppm: -
	8hTWA mg/m3: 0.15	STEL ppm: -
	STEL mg/m3: -	NOT: -

**8.2. Exposure controls**

<b>8.2.1. Appropriate engineering controls</b>	Ensure adequate ventilation of the working area.
<b>8.2.2. Individual protection measures</b>	Wear chemical protective clothing.
<b>Eye / face protection</b>	Approved safety goggles.
<b>Skin protection - Handprotection</b>	Chemical resistant gloves (PVC).
<b>Respiratory protection</b>	Self-contained breathing apparatus must be used in handling.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

<b>State</b>	Solid
<b>Colour</b>	Grey

**SECTION 10: Stability and reactivity****10.2. Chemical stability**

Stable under normal conditions.

**SECTION 11: Toxicological information****11.1. Information on toxicological effects**

<b>Reproductive toxicity</b>	May cause harm to the unborn child.
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**SECTION 12: Ecological information****12.2. Persistence and degradability**

Danger of cumulative effects. Dangerous for the environment.

**SECTION 13: Disposal considerations**

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## General information

	Dispose of in compliance with all local and national regulations.
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## SECTION 14: Transport information

## ADR/RID

	The product is not classified as dangerous for carriage.
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## IMDG

	The product is not classified as dangerous for carriage.
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## IATA

	The product is not classified as dangerous for carriage.
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## SECTION 15: Regulatory information

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

	This Product is Classified to Regulation 1272/2008/EC(CLP).
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## SECTION 16: Other information

## Other information

Revision	This document differs from the previous version in the following areas: 11 - Reproductive toxicity.
Text of risk phrases in Section 3	R33 - Danger of cumulative effects. R36/37/38 - Irritating to eyes, respiratory system and skin. R62 - Possible risk of impaired fertility.
Text of Hazard Statements in Section 3	Acute Tox. 4: H302+H332 - Harmful if swallowed or if inhaled Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.

## Further information

	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 relates 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.
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