



# SAFETY DATA SHEET

according to Regulation (EU) 2015/830

Page 1/6

## RS 60/40 Sn-Pb No Clean Solder wire

Revision 9

Revision date 2020-01-28

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

#### 1.1. Product identifier

Product name	RS 60/40 Sn-Pb No Clean Solder wire
Other means of identification	UFI No.2967-A0WV-T004-XPY0.

#### 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) 845 850 9900
Email	RCustomerServicesUK@rs-components.com
Local Supplier	
Company	RS Components Ltd
Address	Glenview Industrial Estate Herberton Road Rialto Dublin 12
Telephone	+353 (0) 1 415 3100
Email	enquiries.ie@rs-components.com

#### 1.4. Emergency telephone number

Emergency telephone number	+44 1865 407333 (24hr)	+44 1235 239670 (24hr)
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### SECTION 2: Hazards identification

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

2.1.2. Classification - EC 1272/2008	Skin Sens. 1: H317; Repr. 1A: H360; Lact.: H362; STOT RE 1: H372;
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#### 2.2. Label elements

Hazard pictograms	
Signal Word	Danger
Hazard Statement	Skin Sens. 1: H317 - May cause an allergic skin reaction. Repr. 1A: H360 - May damage fertility or the unborn child . Lact.: H362 - May cause harm to breast-fed children. STOT RE 1: H372 - Causes damage to organs through prolonged or repeated exposure .

## RS 60/40 Sn-Pb No Clean Solder wire

Revision 9

Revision date 2020-01-28

## 2.2. Label elements

Precautionary Statement: Prevention	P263 - Avoid contact during pregnancy/while nursing. P264 - Wash thoroughly after handling. P270 - Do no eat, drink or smoke when using this product. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary Statement: Response	P302+P352 - IF ON SKIN: Wash with plenty of water/ . P314 - Get medical advice/attention if you feel unwell. P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
Precautionary Statement: Storage	Store in a dry place.
Precautionary Statement: Disposal	Dispose of in compliance with all Local and national regulations

## Further information

	Contains Lead,Overexposure signs/symptoms-blood formation impairment,central nervous system depression. CAUTION CONTAINS ROSIN: Exposure to this material may cause certain sensitive individuals to develop eczema and/or asthma.Sensitised persons may subsequently show asthmatic symptoms when exposed to atmospheric concentrations well below the OEL. Persons with a history of asthma allergies orchronic or recurrent respiratory disease should not be employed in any process in which this product is used.
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## SECTION 3: Composition/information on ingredients

## 3.2. Mixtures

## EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Tin		7440-31-5	231-141-8	01-2119486474-28		
Lead (Solid) (Lead)		7439-92-1	231-100-4	01-2119513221-59		Repr. 1A: H360; Lact.: H362; STOT RE 1: H372; Skin Sens. 1: H317;
Natural Rosin (Mod Rosin)		65997-05-9	500-163-2	01-2119960933-37		

## SECTION 4: First aid measures

## 4.1. Description of first aid measures

Inhalation	Irritating to respiratory system. Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. Move the exposed person to fresh air. Seek medical attention.
Eye contact	Irritating 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	Irritating to skin. Wash off immediately with plenty of soap and water. Seek medical attention if irritation or symptoms persist.
Ingestion	DO NOT INDUCE VOMITING. Seek medical attention.

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

Inhalation	May cause sensitisation by inhalation. Seek medical attention if irritation or symptoms persist.
Eye contact	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Skin contact	May cause sensitisation by skin contact. Wash with soap and water.
Ingestion	Toxic if swallowed. If swallowed, seek medical advice immediately and show this container or label.

## 4.3. Indication of any immediate medical attention and special treatment needed

Inhalation	Coughing, difficulty in breathing. Move the exposed person to fresh air.
Eye contact	Rinse immediately with plenty of water. Seek medical attention if irritation or symptoms persist.
Ingestion	If swallowed, seek medical advice immediately and show this container or label.

## SECTION 5: Firefighting measures

## RS 60/40 Sn-Pb No Clean Solder wire

Revision 9  
Revision date 2020-01-28

## 5.1. Extinguishing media

Use extinguishing media appropriate to the surrounding fire conditions.

## 5.2. Special hazards arising from the substance or mixture

Burning produces irritating, toxic and obnoxious fumes.

## 5.3. Advice for firefighters

Wear suitable respiratory equipment when necessary.

## SECTION 6: Accidental release measures

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

Avoid raising dust. Ensure adequate ventilation of the working area. Wear suitable protective equipment.

## 6.2. Environmental precautions

Do not allow product to enter drains.

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

Sweep up. Transfer to suitable, labelled containers for disposal.

## SECTION 7: Handling and storage

## 7.1. Precautions for safe handling

Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing.

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

Keep in a cool, dry, well ventilated area.

## 7.3. Specific end use(s)

Soldering.

## SECTION 8: Exposure controls/personal protection

## 8.1. Control parameters

## 8.1.1. Exposure Limit Values

Natural Rosin (Mod Rosin)	WEL 8-hr limit ppm:	WEL 8-hr limit mg/m3: 0.05
	WEL 15 min limit ppm:	WEL 15 min limit mg/m3:
	WEL 8-hr limit mg/m3 total inhalable dust:	WEL 15 min limit mg/m3 total inhalable dust:
	WEL 8-hr limit mg/m3 total respirable dust:	WEL 15 min limit mg/m3 total respirable dust:

## 8.2. Exposure controls

8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area.
8.2.2. Individual protection measures	Wear chemical protective clothing.
Eye / face protection	Approved safety goggles.
Skin protection - Handprotection	Chemical resistant gloves (PVC).
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment.
8.2.3. Environmental exposure controls	No data available.

## SECTION 9: Physical and chemical properties

## RS 60/40 Sn-Pb No Clean Solder wire

Revision 9

Revision date 2020-01-28

## 9.1. Information on basic physical and chemical properties

Appearance	Solid
Colour	Dark grey
Odour	Characteristic
Melting point	183 - 190 °C
Initial boiling point	197 °C
Flash point	Not applicable.
Autoignition temperature	> 226 °C
Solubility	Slightly soluble in water

## SECTION 10: Stability and reactivity

## 10.1. Reactivity

	No data available.
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## 10.2. Chemical stability

	Stable under normal conditions.
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## 10.3. Possibility of hazardous reactions

	None.
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## 10.4. Conditions to avoid

	None.
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## 10.5. Incompatible materials

	Avoid contact with: Acids. Oxidising agents.
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## 10.6. Hazardous decomposition products

	aliphatic hydrocarbons. Acids.
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## SECTION 11: Toxicological information

## 11.1. Information on toxicological effects

Acute toxicity	Very toxic if swallowed.
Serious eye damage/irritation	Irritating to eyes.
Respiratory or skin sensitisation	Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system.
Germ cell mutagenicity	No mutagenic effects reported.
Carcinogenicity	No carcinogenic effects reported.
Reproductive toxicity	May cause harm to breastfed babies. May cause harm to the unborn child.

## 11.1.2. Mixtures

	No data available.
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## 11.1.3. Hazard Information

	No data available.
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## 11.1.4. Toxicological Information

	Harmful in contact with skin and if swallowed.
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## SECTION 12: Ecological information

## 12.2. Persistence and degradability

	No data is available on this product.
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## 12.3. Bioaccumulative potential

	Bioaccumulative potential.
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## 12.5. Results of PBT and vPvB assessment

## RS 60/40 Sn-Pb No Clean Solder wire

Revision 9

Revision date 2020-01-28

## 12.5. Results of PBT and vPvB assessment

Not relevant.

## 12.6. Other adverse effects

Harmful to aquatic organisms.

**SECTION 13: Disposal considerations**

## General information

Dispose of in compliance with all local and national regulations.

**SECTION 14: Transport information**

## 14.1. UN number

The product is not classified as dangerous for carriage.

## 14.2. UN proper shipping name

The product is not classified as dangerous for carriage.

## 14.3. Transport hazard class(es)

The product is not classified as dangerous for carriage.

## 14.4. Packing group

The product is not classified as dangerous for carriage.

## 14.5. Environmental hazards

The product is not classified as dangerous for carriage.

## 14.6. Special precautions for user

The product is not classified as dangerous for carriage.

## 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

The product is not classified as dangerous for carriage.

## Further information

The product is not classified as dangerous for carriage.

**SECTION 15: Regulatory information**

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

REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

**SECTION 16: Other information**

## Other information

## Revision

This document differs from the previous version in the following areas:.  
1 - Other means of identification.

## Text of Hazard Statements in Section 3

Repr. 1A: H360 - May damage fertility or the unborn child .  
Lact.: H362 - May cause harm to breast-fed children.  
STOT RE 1: H372 - Causes damage to organs through prolonged or repeated exposure .  
Skin Sens. 1: H317 - May cause an allergic skin reaction.

## 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

## RS 60/40 Sn-Pb No Clean Solder wire

Revision 9

Revision date 2020-01-28

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**Further information**

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	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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