

# SAFETY DATA SHEET

according to Regulation (EU) 2020/878

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

Revision 5

Revision date 2022-11-01

### 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	UFI No.GAQJ-Q910-MJ07-D7X6.

#### 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 Ind Est 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(0) 1865407333(24hr) +44(0)1235 239670(24hr)	IE: +353 (0)1 809 2166 (08:00 - 22:00)
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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: H360FD; 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: H360FD - May damage fertility. May damage the unborn child.

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## 2.2. Label elements

<b>Precautionary Statement: Prevention</b>	Lact.: H362 - May cause harm to breast-fed children. STOT RE 1: H372 - Causes damage to organs through prolonged or repeated exposure .
<b>Precautionary Statement: Response</b>	P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P263 - Avoid contact during pregnancy/while nursing. P264 - Wash thoroughly after handling. P270 - Do not eat, drink or smoke when using this product. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
<b>Precautionary Statement: Storage</b>	P314 - Get medical advice/attention if you feel unwell. P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
<b>Precautionary Statement: Disposal</b>	Store in a dry place.
	Dispose of in compliance with all Local and national regulations

## Further information

	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 or chronic or recurrent respiratory disease should not be employed in any process in which this product is used. Contains Lead, Overexposure signs/symptoms-blood formation impairment, central nervous system depression.
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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	55-65%	
Lead (Solid) (Lead)		7439-92-1	231-100-4	01-2119513221-59	35-45%	Repr. 1A: H360FD; Lact.: H362; STOT RE 1: H372;
Natural Rosin (Mod Rosin)		65997-05-9	500-163-2	01-2119960933-37	1 - 10%	Skin Sens. 1: H317;

## SECTION 4: First aid measures

## 4.1. Description of first aid measures

<b>Inhalation</b>	Harmful by inhalation. Inhalation may cause nausea and vomiting. May cause dizziness and headache. Move the exposed person to fresh air. Seek medical attention.
<b>Eye contact</b>	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.
<b>Skin contact</b>	May cause irritation to skin. May cause dermatitis. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
<b>Ingestion</b>	Harmful if swallowed. Ingestion may cause nausea and vomiting. Ingestion is irritating to the respiratory tract and may cause damage to the central nervous system. DO NOT INDUCE VOMITING. If swallowed, seek medical advice immediately and show this container or label.

## 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

	Self-contained breathing apparatus. Wear 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. Wear suitable protective equipment.
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**6.2. Environmental precautions**

	Do not allow product to enter drains. Prevent further spillage if safe.
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**6.3. Methods and material for containment and cleaning up**

	Avoid raising dust. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.
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**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.
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**7.2. Conditions for safe storage, including any incompatibilities**

	Keep in a cool, dry, well ventilated area. Keep containers tightly closed.
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**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 0.15	WEL 15 min limit mg/m3 total
	inhalable dust:	inhalable dust:
	WEL 8-hr limit mg/m3 total	WEL 15 min limit mg/m3 total
	respirable dust:	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	Self-contained breathing apparatus. Wear protective clothing.

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

Appearance	Solid
Colour	Grey
Melting point	183 - 190 °C
Initial boiling point	197 °C
Flash point	Not applicable.
Autoignition temperature	> 226 °C
Solubility	Slightly miscible in water

**9.2.1. Information with regard to physical hazard classes**

	No data available.
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**9.2.2. Other safety characteristics**

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## 9.2.2. Other safety characteristics

	No data available.
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## 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 hazard classes

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

	Not relevant.
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## 12.6 Endocrine disrupting properties

	Harmful to aquatic organisms.
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## SECTION 13: Disposal considerations

## General information

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## General information

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

## 14.1. UN number

	The product is not classified as dangerous for carriage.
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## 14.2. UN proper shipping name

	The product is not classified as dangerous for carriage.
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## 14.3. Transport hazard class(es)

	The product is not classified as dangerous for carriage.
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## 14.4. Packing group

	The product is not classified as dangerous for carriage.
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## 14.5. Environmental hazards

	The product is not classified as dangerous for carriage.
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## 14.6. Special precautions for user

	The product is not classified as dangerous for carriage.
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## 14.7 Maritime Transport in bulk according to IMO instruments

	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

	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.
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## SECTION 16: Other information

## Other information

Revision	This document differs from the previous version in the following areas:. 2 - Hazard pictograms.
Text of Hazard Statements in Section 3	Repr. 1A: H360FD - May damage fertility. May damage 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 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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