



SAFETY DATA SHEET

according to Regulation (EU) 2020/878

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RS-60/40 WS (Water Soluble) Solder Wire

Revision 10

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 WS (Water Soluble) Solder Wire
Other means of identification / UFI	UFI NO.0S6W-0530-5N0D-PH8A.

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

Description	Restricted to professional users.
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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)
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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

Precautionary Statement: Prevention	Lact.: H362 - May cause harm to breast-fed children. STOT RE 1: H372 - Causes damage to organs through prolonged or repeated exposure .
	P260 - Do not breathe 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.
Precautionary Statement: Response	P314 - Get medical advice/attention if you feel unwell.
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. Danger of cumulative effects.
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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;
organic acid		4767-03-7			1 - 10%	Skin Sens. 1: H317; STOT SE 3: H335;

SECTION 4: First aid measures

4.1. Description of first aid measures

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	May cause irritation to skin. Wash off immediately with plenty of soap and water. Seek medical attention if irritation or symptoms persist.
Ingestion	Ingestion is irritating to the respiratory tract and may cause damage to the central nervous system. DO NOT INDUCE VOMITING. Seek medical attention.

SECTION 5: Firefighting measures

5.1. Extinguishing media

	Alcohol resistant foam. Carbon oxides.
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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 suitable respiratory equipment when necessary.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

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6.1. Personal precautions, protective equipment and emergency procedures

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.

SECTION 8: Exposure controls/personal protection

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.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

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

9.2.1. Information with regard to physical hazard classes

No data available.

9.2.2. Other safety characteristics

No data available.

SECTION 10: Stability and reactivity

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Oxidising agents.

10.4. Conditions to avoid

Heat, sparks and open flames.

SECTION 11: Toxicological information

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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

	Toxic to aquatic organisms.
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SECTION 13: Disposal considerations

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. 9 - 9.2.2. Other safety characteristics. 9 - 9.2.1. Information with regard to physical hazard classes.
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. STOT SE 3: H335 - May cause respiratory irritation.

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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