



## SAFETY DATA SHEET

according to Regulation (EU) 2015/830

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

Revision 3

Revision date 2021-02-02

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

##### 1.1. Product identifier

<b>Product name</b>	RS-60/40 Sn-Pb Colophony free No Clean Solder wire
<b>Other means of identification</b>	UFI NO.GS57-90SG-Y005-YNFM.

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

<b>Description</b>	Soldering.
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##### 1.3. Details of the supplier of the safety data sheet

<b>Company</b>	RS Components Ltd
<b>Address</b>	Birchington Road Corby Northants NN17 9RS
<b>Telephone</b>	+44 (0) 845 850 9900
<b>Email</b>	RCustomerServicesUK@rs-components.com
<b>Local Supplier</b>	
<b>Company</b>	RS Components Ltd
<b>Address</b>	Glenview Industrial Estate,Herberton Road Rialto Dublin 12
<b>Telephone</b>	+353 (0) 1 415 3100
<b>Email</b>	enquiries.ie@rs-components.com

##### 1.4. Emergency telephone number


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

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

<b>2.1.2. Classification - EC 1272/2008</b>	Repr. 1A: H360; Lact.: H362; STOT RE 1: H372;
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##### 2.2. Label elements

<b>Hazard pictograms</b>	
<b>Signal Word</b>	Danger
<b>Hazard Statement</b>	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 .

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## 2.2. Label elements

Precautionary Statement: Prevention	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.
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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: H360; Lact.: H362; STOT RE 1: H372;
Adipic acid	607-144-00-9	124-04-9	204-673-3		1 - 5%	Eye Irrit. 2: H319;

## SECTION 4: First aid measures

## 4.1. Description of first aid measures

Inhalation	May cause irritation to mucous membranes. Move the exposed person to fresh air.
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	Seek medical attention.

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

Inhalation	Coughing, difficulty in breathing.
Eye contact	Prolonged or repeated exposure may cause: Irritating to eyes.
Skin contact	Prolonged or repeated exposure may cause: Skin irritation and dermatitis.
Ingestion	Toxic if swallowed.

## SECTION 5: Firefighting measures

## 5.1. Extinguishing media

	Use extinguishing media appropriate to the surrounding fire conditions.
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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

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

	Ensure adequate ventilation of the working area.
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## 6.2. Environmental precautions

	Do not allow product to enter drains.
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## 6.3. Methods and material for containment and cleaning up

	Sweep up. Transfer to suitable, labelled containers for disposal.
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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. Store in correctly labelled containers.
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**SECTION 8: Exposure controls/personal protection**

## 8.2. Exposure controls

## 8.2.1. Appropriate engineering controls

	Ensure adequate ventilation of the working area.
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## 8.2.2. Individual protection measures

	Wear protective clothing.
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## Eye / face protection

	In case of splashing, wear:.. Approved safety goggles.
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## Skin protection - Handprotection

	Chemical resistant gloves (PVC).
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## Respiratory protection

	In case of insufficient ventilation, wear suitable respiratory equipment.
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**SECTION 9: Physical and chemical properties**

## 9.1. Information on basic physical and chemical properties

Appearance	Solid
Colour	Grey
Odour	Odourless
Melting point	183 - 190 °C
Initial boiling point	197 °C
Flash point	> 115 °C
Autoignition temperature	> 226 °C
Solubility	Slightly soluble in water

**SECTION 10: Stability and reactivity**

## 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

	Water.
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**SECTION 11: Toxicological information**

## 11.1. Information on toxicological effects

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## 11.1. Information on toxicological effects

Acute toxicity	Very toxic if swallowed.
Serious eye damage/irritation	Irritating to eyes.
Respiratory or skin sensitisation	Inhalation is irritating to the respiratory tract and may cause damage to the central nervous system.
Germ cell mutagenicity	No data is available on this product.
Carcinogenicity	No carcinogenic effects reported.
Reproductive toxicity	May cause harm to breastfed babies. May cause harm to the unborn child.

## SECTION 12: Ecological information

## 12.2. Persistence and degradability

	Not readily biodegradable.
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## 12.3. Bioaccumulative potential

	Bioaccumulative potential.
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## 12.4. Mobility in soil

	Do not let product contaminate subsoil.
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## 12.6. Other adverse effects

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

	The product is not classified as dangerous for carriage.
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## Further information

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

## Further information

	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
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## Further information

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 .

Eye Irrit. 2: H319 - Causes serious eye 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.