



## Solder Wire

Revision 1

Revision date 2015-06-04

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

## 1.1. Product identifier

Product name	C23000 Solder Wire
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## 1.3. Details of the supplier of the safety data sheet

Company	Force Products Ltd
Address	Stock House, Seymour Road Nuneaton, Warwickshire CV11 4LB United Kingdom Sales@forceproducts.co.uk
Web	
Telephone	+44 (0) 2476 322130
Fax	+44 (0) 2476 322151
Email	sales@forceproducts.co.uk

**SECTION 2: Hazards identification**

## 2.1. Classification of the substance or mixture

2.1.1. Classification - 1999/45/EC	T; R23/25 Xi; R43 Symbols: T: Toxic.
Main hazards	Toxic by inhalation and if swallowed. May cause sensitisation by skin contact.
2.1.2. Classification - EC 1272/2008	Acute Tox. 3: H301; Acute Tox. 3: H331;

## 2.2. Label elements

Hazard pictograms	
Signal Word	Danger
Hazard Statement	Acute Tox. 3: H301 - Toxic if swallowed. Acute Tox. 3: H331 - Toxic if inhaled.
Precautionary Statement: Prevention	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. P271 - Use only outdoors or in a well-ventilated area.
Precautionary Statement: Response	P301+P310 - IF SWALLOWED: IF SWALLOWED: Immediately call a POISON CENTER/doctor/ . P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. P311 - Call a POISON CENTER/doctor/ . P321 - Specific treatment (see on this label). P330 - Rinse mouth.

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## 2.2. Label elements

<b>Precautionary Statement: Storage</b>	P403+P233 - Store in a well-ventilated place. Keep container tightly closed. P405 - Store locked up.
<b>Precautionary Statement: Disposal</b>	P501 - Dispose of contents/container to

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

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

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Lead Ingot (Lead)		7439-92-1	231-100-4			T; R23/25	
Tin		7440-31-5	231-141-8				
Rosin (Rosin-based solder flux fume)	650-015-00-7	8050-09-7	232-475-7			R43	

#### EC 1272/2008

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## SECTION 4: First aid measures

### 4.1. Description of first aid measures

<b>Inhalation</b>	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 if irritation or symptoms persist.
<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>	Toxic in contact with skin. Wash off immediately with plenty of soap and water.
<b>Ingestion</b>	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 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: Self-contained breathing apparatus.
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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 suitable protective equipment.
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### 6.2. Environmental precautions

	Do not let product contaminate subsoil.
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### 6.3. Methods and material for containment and cleaning up

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## 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.

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

Keep in a cool, dry, well ventilated area.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1. Exposure Limit Values

Lead Ingot (Lead)	DIR: 82/605 8hTWA mg/m <sup>3</sup> : 0.15 STEL mg/m <sup>3</sup> : -	8hTWA ppm: - STEL ppm: - NOT: -
Rosin (Rosin-based solder flux fume)	WEL 8-hr limit ppm: - WEL 15 min limit ppm: - WEL 8-hr limit mg/m <sup>3</sup> total inhalable dust: - WEL 8-hr limit mg/m <sup>3</sup> total respirable dust: -	WEL 8-hr limit mg/m <sup>3</sup> : 0.05 WEL 15 min limit mg/m <sup>3</sup> : 0.15 WEL 15 min limit mg/m <sup>3</sup> total inhalable dust: - WEL 15 min limit mg/m <sup>3</sup> total respirable dust: -
Tin	WEL 8-hr limit ppm: - WEL 15 min limit ppm: - WEL 8-hr limit mg/m <sup>3</sup> total inhalable dust: - WEL 8-hr limit mg/m <sup>3</sup> total respirable dust: -	WEL 8-hr limit mg/m <sup>3</sup> : 0.1 WEL 15 min limit mg/m <sup>3</sup> : 0.2 WEL 15 min limit mg/m <sup>3</sup> total inhalable dust: - WEL 15 min limit mg/m <sup>3</sup> 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 protective clothing. Wash all contaminated clothing before reuse.
Eye / face protection	Wear:.. Approved safety goggles.
Skin protection - Handprotection	Wear suitable gloves.
Respiratory protection	Wear suitable respiratory equipment when necessary.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Appearance	Solid
Colour	Grey
Odour	Odourless

## SECTION 10: Stability and reactivity

### 10.2. Chemical stability

Stable under normal conditions.

## SECTION 11: Toxicological information

### 11.1.4. Toxicological Information

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## 11.1.4. Toxicological Information

Toxic by inhalation and if swallowed.

## SECTION 12: Ecological information

## 12.1. Toxicity

No data is available on this product.

## SECTION 13: Disposal considerations

## General information

Dispose of in compliance with all local and national regulations.

## Disposal methods

Contact a licensed waste disposal company. For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used.

## Disposal of packaging

Do NOT reuse empty containers. Empty containers can be sent for disposal or recycling.

## SECTION 14: Transport information

## Further information

The product is not classified as dangerous for carriage.

## SECTION 15: Regulatory information

## SECTION 16: Other information

## Other information

Revision	This document differs from the previous version in the following areas:. 2 - 2.1.2. Classification - EC 1272/2008. 2 - Signal Word. 2 - Precautionary Statement: Prevention. 2 - Precautionary Statement: Response. 2 - Precautionary Statement: Storage. 2 - Precautionary Statement: Disposal. 12 - 12.1. Toxicity.
Text of risk phrases in Section 3	R23/25 - Toxic by inhalation and if swallowed. R43 - May cause sensitisation by skin contact.
Text of Hazard Statements in Section 3	Acute Tox. 3: H301+H331 - Toxic if swallowed or if inhaled

## 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.