

SAFETY DATA SHEET

according to Regulation (EU) 2015/830

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Sifbronze Brazing Flux

Revision 3

Revision date 2016-05-26

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

1.1. Product identifier

Product name	Sifbronze Brazing Flux
Product code	FO010022, FO010050

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

Product Use	[SU3] Industrial uses: Uses of substances as such or in preparations at industrial sites; [SU15] Manufacture of fabricated metal products, except machinery and equipment; [PC38] Welding and soldering products (with flux coatings or flux cores.), flux products;
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1.3. Details of the supplier of the safety data sheet

Company	Weldability Sif
Address	Peters House, The Orbital Centre, Icknield Way, Letchworth Garden City, Hertfordshire, SG6 1ET. UK.
Web	www.weldability-sif.com
Telephone	0870 330 7757
Fax	0800 970 7757
Email	service@weldability-sif.com
Email address of the competent person	msds@weldability-sif.com

1.4. Emergency telephone number

Emergency telephone number	0870 330 7757
Company	Weldability Sif 8.30 - 5.30 Mon - Fri

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.1. Classification - 1999/45/EC	T; R60-61 Symbols: T: Toxic.
Main hazards	May impair fertility. May cause harm to the unborn child.
2.1.2. Classification - EC 1272/2008	Eye Irrit. 2: H319; Repr. 1B: H360FD; Repr. 1B: H360Fd;

2.2. Label elements


	(POSSIBLE) BIRTH DEFECT HAZARD - (CONTAINS MATERIAL THAT) MAY CAUSE BIRTH DEFECTS (BASED ON ANIMAL DATA). H319 - Causes serious eye irritation.
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2.2. Label elements

Hazard pictograms	
Signal Word	Danger
Hazard Statement	Eye Irrit. 2: H319 - Causes serious eye irritation. Repr. 1B: H360FD - May damage fertility. May damage the unborn child. Repr. 1B: H360Fd - May damage fertility. Suspected of damaging the unborn child.
Precautionary Statement: Prevention	H319 - Causes serious eye irritation. P201 - Obtain special instructions before use. P202 - Do not handle until all safety precautions have been read and understood. P264 - Wash thoroughly after handling. P280 - Wear protective gloves/protective clothing/eye protection/face protection. P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
Precautionary Statement: Response	P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P308+P313 - IF exposed or concerned: Get medical advice/attention. P337+P313 - If eye irritation persists: Get medical advice/attention.
Precautionary Statement: Storage	P405 - Store locked up.
Precautionary Statement: Disposal	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.
boric acid	005-007-00-2	10043-35-3	233-139-2		70 - 80%	Repr. Cat. 2; R60-61	
disodium tetraborate, anhydrous. (Disodium tetraborate, anhydrous)	005-011-00-4	1330-43-4	215-540-4		10 - 20%	T; R60-61	

EC 1272/2008

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boric acid	005-007-00-2	10043-35-3	233-139-2		70 - 80%	Repr. 1B: H360FD;	
disodium tetraborate, anhydrous. (Disodium tetraborate, anhydrous)	005-011-00-4	1330-43-4	215-540-4		10 - 20%	Repr. 1B: H360Fd;	

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air.
Eye contact	Rinse immediately with plenty of water for 15 minutes holding the eyelids open.
Skin contact	No irritation expected.
Ingestion	DO NOT INDUCE VOMITING. DO NOT DRINK. Seek medical attention.

SECTION 5: Firefighting measures

5.1. Extinguishing media

	Carbon dioxide (CO2). Extinguishing media. Water spray.
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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

Not normally required.

6.2. Environmental precautions

Advise local authorities if large spills cannot be contained.

6.3. Methods and material for containment and cleaning up

Dispose of in compliance with all local regulations. Refer to disposal considerations in Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handle and open container with care.

7.2. Conditions for safe storage, including any incompatibilities

Advised preservation period under normal conditions is 6 months.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Exposure Limit Values

disodium tetraborate, anhydrous. (Disodium tetraborate, anhydrous)	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m3: 1
	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

Keep away from foodstuffs, beverages and feed.

8.2.2. Individual protection measures

Remove contaminated clothing.

Eye / face protection

Avoid contact with eyes. Wear eye/face protection.

Skin protection - Handprotection

Wear suitable gloves. Wash hands after handling the product.

Respiratory protection

Not normally required.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Powder
Colour	Pink
Odour	Odourless
Melting point	75 °C
Solubility	Slightly soluble in water

SECTION 10: Stability and reactivity

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10.2. Chemical stability

	Stable under normal conditions.
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10.3. Possibility of hazardous reactions

	No Significant Hazard.
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10.6. Hazardous decomposition products

	None.
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Skin corrosion/irritation	No irritation expected.
Serious eye damage/irritation	Causes eye irritation.
Respiratory or skin sensitisation	No sensitization effects reported.

SECTION 12: Ecological information

Further information

	Water endangering. Do not allow product to enter drains. Do not flush into surface water.
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SECTION 13: Disposal considerations

Disposal methods

	This material and its container must be disposed of in a safe way. Local and national regulations. Do not mix with household rubbish.
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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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SECTION 15: Regulatory information

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

	No Significant Hazard.
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SECTION 16: Other information

Other information

	H319 - Causes serious eye irritation.
Revision	This document differs from the previous version in the following areas:.

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Other information

	<p>2 - 2.1.2. Classification - EC 1272/2008. 2 - 2.2. Label elements. 2 - Hazard pictograms. 2 - Precautionary Statement: Prevention. 2 - Precautionary Statement: Response. 9 - 9.1. Information on basic physical and chemical properties (Appearance). 9 - 9.1. Information on basic physical and chemical properties (Colour). 11 - Skin corrosion/irritation. 11 - Serious eye damage/irritation. 12 - Further information. 14 - ADR/RID. 14 - IMDG. 14 - IATA. 15 - Safety phrases. 15 - 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture. 16 - Other information.</p>
Text of risk phrases in Section 3	<p>R60 - May impair fertility. R61 - May cause harm to the unborn child.</p>
Text of Hazard Statements in Section 3	<p>Repr. 1B: H360FD - May damage fertility. May damage the unborn child. Repr. 1B: H360Fd - May damage fertility. Suspected of damaging the unborn child.</p>

General information

	<p>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. The information supplied in this safety data sheet is designed only as guidance for safe use, storage and handling of the product. This information relates only to the specific goods listed and may not be valid for such material used in combination with any other product(s).</p>
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