

Product Name: **Silweld 5****1. Identification of the Product and Company****1.1. Identification of the Product** Brazing Alloy **Silweld 5****1.2. Company**County Welding & Brazing Supplies Ltd.
Unit 53G Symondscliff Way
Severn Bridge Industrial Estate
Caldicot
Monmouthshire NP26 5PW**1.3. Emergency Telephone No.** 01291 431373**2. Information on Ingredients**

| <u>Substance</u> | <u>CAS No.</u> | <u>% Present</u> | <u>EEC Symbol(s)</u> | <u>R-phrases</u> |
|------------------|----------------|------------------|----------------------|------------------|
|------------------|----------------|------------------|----------------------|------------------|

There are no ingredients classified as hazardous to be mentioned

This alloy composition is according to the International Norms :

DIN 8513 L-Ag5P BS 1845 CP4 AWS 5-8A B-CuP-3

3. Hazards Identification

No hazards for this brazing rod but see the safety data sheet of the flux used.

4. First Aid Measures

| | |
|----------------------------------|--|
| In case of swallowing | - seek medical advice. |
| In case of inhalation (of fumes) | - remove to fresh air. |
| In case of contact with eyes | - the glare of the flame irritates unprotected eyes, consult eye specialist. |
| In case of contact with skin | -disinfect eventual burns |

5. Fire Fighting Measures**5.1. Extinguishing media:** Suitable: Will not burn; use extinguishing media for surrounding fires.

Not suitable: None.

5.2 If involved in a fire: No special prescriptions

Product Name: **Silweld 5****6. Accidental Release Measures**

None.

7. Handling and Storage**7.1. Handling** No special prescriptions.**7.2. Storage** Store in dry place.**8. Exposure Control/Personal Protection****8.1.** Keep personal exposure below national regulatory levels (see Section 15). Ventilation must be sufficient to evacuate fumes from the breathing area of brazing operators**8.2. Hand Protection** No special protection**8.3. Eye Protection** Approved coloured welding glasses must be used when brazing.**8.4. Skin Protection** As appropriate for handling.**9. Physical and Chemical Properties****9.1. Appearance:**
Metallic Wire**9.7. Flammability:**
Not flammable**9.2. Odour:**
None**9.8. Autoflammability:**
See 9.7**9.3. pH:**
None**9.9. Explosive Properties:**
Not explosive**9.4. Boiling Pt/Rge:**
Not applicable**9.10. Oxidising Properties:**
Not an oxidiser**9.5. Melting Pt/Rge:**
650 - 810 °C**9.11. Vapour Pressure:**
None**9.6. Flash Point:**
Not applicable (solid)**9.12. Density:**
Not Determined g/cm³ approx

Product Name: **Silweld 5****9.13.** Not determined**9.15. Partition** **Coefficient:**
None (see 9.14)**9.14. Solubility:**Water - None
Fat - Not Fat
Other solvents - None**9.16. Other Data:**
None relevant to safety**10. Stability and Reactivity****10.1. Conditions to Avoid** None**10.2. Materials to Avoid** None**10.3 Hazardous decomposition products:** Phosphorus oxide fumes are liberated during brazing.

| <u>Substance</u> | <u>CAS-No</u> | <u>Limit value</u> |
|------------------|---------------|---------------------------------|
| Phosphorus oxide | 1314-56-3 | 1.0 mg/m ³ (TLV/TWA) |
| Fine dust | | 6 mg/m ³ (MAK) |

11. Toxicology InformationAcute effects

On the basis of information on its components, this product is not harmful.

Prolonged effects

Prolonged exposure by inhalation of brazing fumes is detrimental to health.

12. Ecological Information

Although no test data are available, on the basis of its components this product is not harmful to the aquatic environment, but discharge to water systems should be avoided.

13. Disposal Considerations

Users should acquaint themselves with local and national regulations.

Disposal should be carried out by placing the waste in suitable labelled containers for recycling or for treatment under controlled conditions at a licensed waste material processor.

If involved in incineration (see section 5

Product Name: **Silweld 5****14. Transport Information**

Proper Shipping Name: None

UN Number:

Hazard Class:

ADR/RID:

Symbol:

Packing Group:

IATA/DGR limits:

15. Regulatory Information

Classified according to the Directives 67/548/EEC and 88/379/EEC, and their various amendments:-

None, this product is in a compact form.

Warning symbols - None

Warning words - None

Risk phrases - None

Safety Phrases - S39: Wear eye/face protection
S51: Use only in well ventilated areas

Other - None

16. Other Information

References (1) Suppliers' Safety Data Sheets on components
(2) Annex I of Directive 67/548/EEC

The format of this Safety Data Sheet conforms to the requirements of EC Directive 91/155/EEC.

DISCLAIMER OF LIABILITY The information in this MSDS was obtained from sources, which we believe are reliable. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS may not be applicable.