

This safety data sheet has been prepared in accordance with the requirements of EC Directive 88/379/EEC and 91/155/EEC (and other related directives) and provides information relating to the safe handling and use of the product.

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**1. PRODUCT AND COMPANY INFORMATION**

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|-------------------------------|------------------------------------------------------|
| <b>Product Code</b>           | 7809018                                              |
| <b>Trade Name</b>             | Metal set S1- Resin                                  |
| <b>Manufacturer/Supplier</b>  | Loctite UK                                           |
| <b>Address</b>                | Watchmead,<br>Welwyn Garden City,<br>Herts., AL71JB. |
| <b>Phone Number</b>           | 01 707 358800                                        |
| <b>Fax Number</b>             | 01 707 358900                                        |
| <b>Emergency Phone Number</b> | +353-1-4599301/+353-1-87-2629625/+353-1-4046444      |

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**2. COMPOSITION / INFORMATION ON INGREDIENTS**

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|                                               |                      |                  |                       |
|-----------------------------------------------|----------------------|------------------|-----------------------|
| <b>Nature</b>                                 | Epoxy resin.         |                  |                       |
| <b>Hazardous Components in Product for EC</b> |                      |                  |                       |
| <b>Component Name</b>                         | <b>Concentration</b> | <b>R Phrases</b> | <b>Classification</b> |
| Epoxy resin                                   | 30.00 - 40.00        | R36/38, R43      | Xi                    |
| Iron                                          | 60.00 - 100.00       |                  |                       |

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**3. HAZARD IDENTIFICATION**

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This product is a skin and eye irritant and a skin sensitizer.

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**4. FIRST AID MEASURES**

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**First Aid - Inhalation**

Should not be a problem as product is of low volatility. However, if feeling unwell remove patient to fresh air.

**First Aid - Skin**

Wash with plenty of soap and water. If irritation persists, seek medical advice.

**First Aid - Eyes**

Flush eyes with plenty of water for at least 15 minutes. If irritation persists seek medical attention.

**First Aid - Ingestion**

Give plenty of water to drink. Do not induce vomiting. Obtain medical attention.

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**5. FIRE FIGHTING MEASURES**

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Non flammable product (flash point is greater than 100°C (CC)).

Wear self contained breathing apparatus. Protective clothing should be worn when dealing with fire. If product is involved in fire extinguish with dry powder, foam or carbon dioxide. Toxic fumes such as oxides of carbon may be released on incineration and these should not be inhaled.

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**6. ACCIDENTAL RELEASE MEASURES**

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Ventilate area.

For large spills absorb onto inert absorbent material and place in sealed container for disposal. For small spills wipe up with paper towel and place in container for disposal. Avoid prolonged or repeated skin contact. Do not flush into public water courses.

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**7. HANDLING AND STORAGE**

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**Handling**

Good industrial hygiene practices should be observed.

Use in well ventilated area. Prolonged or repeated skin contact should be avoided to minimise any risk of sensitisation. Safety glasses should be worn.

**Storage**

Store in original containers at 8°C-21°C and do not return residual materials to containers as contamination may reduce the shelf life of the bulk product. Store in a well ventilated area in sealed containers.

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**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

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Good industrial hygiene practices should be observed.

In circumstances where there is a potential for prolonged or repeated skin contact, the use of disposable gloves (polyethylene, natural rubber or equivalent ester-resistant material) is recommended. Safety glasses should be worn.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

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|-----------------------------------------------|---------------------------------|
| <b>Physical State</b>                         | Paste.                          |
| <b>Colour</b>                                 | Grey.                           |
| <b>Odour</b>                                  | Mild.                           |
| <b>pH</b>                                     | N/A                             |
| <b>Boiling Range/Point (°C)</b>               | > 100                           |
| <b>Flash Point (CC) (°C)</b>                  | > 100                           |
| <b>Specific Gravity</b>                       | 2.3 mg/m <sup>3</sup> at 20 °C. |
| <b>Solubility in Water (kg/m<sup>3</sup>)</b> | Immiscible.                     |
| <b>Solubility in Acetone</b>                  | Immiscible                      |
| <b>Vapour Pressure (mmHg @25°C)</b>           | N/A                             |
| <b>Explosion Limits (%)</b>                   | N/A                             |

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**10. STABILITY AND REACTIVITY**

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The product is relatively stable under normal conditions of use.

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**11. TOXICOLOGICAL INFORMATION**

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**Inhalation**

Due to the low volatility of the product there are no hazards associated with inhalation under normal conditions of use.

**Skin**

It is irritating and sensitising to the skin.

**Eyes**

This product is an irritant to the eyes.

**Ingestion**

This product is considered to be of low toxicity having an acute oral LD50 (rat) >2000mg/kg by analogy to other similar products.

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**12. ECOLOGICAL INFORMATION**

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The product is expected to be resistant to biodegradation.

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**13. DISPOSAL CONSIDERATIONS**

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Dispose of in accordance with local and national regulations. Incinerate or bury in legal landfill.

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**14. TRANSPORT INFORMATION**

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|                              |                 |
|------------------------------|-----------------|
| <b>UN Number</b>             | None            |
| <b>Air (IATA)</b>            | Not classified. |
| <b>Sea (IMO)</b>             | Not classified. |
| <b>Road (ADR)/Rail (RID)</b> | Not classified. |

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**15. REGULATORY INFORMATION**

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**Contains**

Contains epoxy constituents. See information supplied by the manufacturer.

**Labelling Information**

Irritant

**R phrases**

R36/38 Irritating to eyes and skin.  
R43 May cause sensitisation by skin contact.

**S phrases**

S23 Do not breathe vapour.  
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S28 After contact with skin, wash immediately with plenty of soap and water.  
S37 Wear suitable gloves.

**Voluntary Labelling**

N/A

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**16. OTHER INFORMATION**

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**MSDS first issued** 1 November 1995**MSDS data revised** 25 January 1999

Further Information may be obtained from:-

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