

# PRODUCT SAFETY DATA SHEET

According to article 31 and Annex II of the EU REACH Regulation



## SILFIX® U9 (ALL COLOURS)

Version No:1

Revision Date: 30/06/09

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### 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

|   |  |
|---|--|
| Trade Name  | Silfix® U9 (All colours).  |
| Use of the substance / preparation                        | Construction sealant.  |
| Manufacturer / Supplier                                   | Hodgson Sealants Limited<br>Belprin Road<br>Beverley<br>East Yorkshire, HU17 0LN<br>United Kingdom                                   |
| Service   | Tel: + 44 (0)1482 868321<br>Fax: + 44 (0)1482 679337<br>E-mail: <a href="mailto:SDS@hodgsonsealants.com">SDS@hodgsonsealants.com</a> |
| Emergency Phone Number (UK Office Hours Only: 9am to 5pm) | Tel: + 44 (0)1482 868321   |

### 2. HAZARDS IDENTIFICATION

This product is not hazardous according to article 31 and Annex II of the EU REACH Regulations.  
Prolonged skin contact may defat and dry skin leading to possible irritation and dermatitis. Eye contact may cause smarting and irritation.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

| Chemical characterisation | Silicone elastomer. |           |              |                            |     |
|---------------------------|---------------------|-----------|--------------|----------------------------|-----|
| Hazardous Ingredients     |                     |           |              |                            |     |
| Name                      | CAS No.             | EC No.    | Conc. (%w/w) | Classification & R phrases |     |
| Trimethoxy(methyl)silane  | 1185-55-3           | 214-685-0 | <2%          | Xn                         | R22 |

### 4. FIRST AID MEASURES

|              |  |
|--------------|--|
| Eye contact  | Flush with water. Seek medical advice if irritation persists.                      |
| Skin contact | Wipe off and wash with soap and water. Seek medical advice if irritation persists. |
| Inhalation   | Remove to fresh air.   |
| Ingestion    | No first aid should be needed.   |

Hodgson Sealants Limited

Belprin Road, Beverley, East Yorkshire,  
HU17 0LN, United Kingdom

T: +44 (0)1482 868321  
F: +44 (0)1482 870729

W: [www.hodgsonsealants.com](http://www.hodgsonsealants.com)  
E: [sales@hodgsonsealants.com](mailto:sales@hodgsonsealants.com)

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### 5. FIRE FIGHTING MEASURES

|  |  |
|--|--|
| Suitable extinguishing media   | Carbon dioxide, foam, dry powder or fine water spray. Water can be used to cool containers exposed to fire.  |
| Unsuitable extinguishing media   | None known.  |
| Special protective equipment / procedures  | A self-contained respirator and protective clothing should be worn. Keep containers cool with water spray until well after fire is out. Determine the need to evacuate or isolate the area according to your local emergency plan. |
| Special exposure hazards arising from the substance or preparation itself, combustion products and resulting gases | Silica, carbon oxides and traces of incompletely burned carbon compounds.<br>Formaldehyde.   |

### 6. ACCIDENTAL RELEASE MEASURES

|  |   |
|--|---|
| Personal precautions                   | Wear proper protective equipment.   |
| Precautions to protect the environment | Prevent material from entering surface waters, drains and soil.   |
| Methods for cleaning up                | Scrape up and place in a container fitted with a lid. The spilled product produces an extremely slippery surface. |

### 7. HANDLING AND STORAGE

|                                |   |
|--------------------------------|---|
| Advice on safe handling        | General ventilation is recommended. Avoid skin and eye contact. Do not breathe vapour.  |
| Advice on storage              | Do not store with oxidising agents. Keep container closed and store away from moisture. |
| Unsuitable packaging materials | None known. Protect product against moisture.   |

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### Exposure controls for hazardous components

| Name     | CAS No. | Workplace Exposure Limits |
|----------|---------|---------------------------|
| Methanol | 67-56-1 | TWA 200ppm<br>STEL 250ppm |

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### Personal protective equipment

|  |   |
|--|---|
| <b>Respiratory protection</b>          | Suitable respiratory protection should be worn if the product is used in large quantities, confined spaces or in other circumstances where the OEL may be approached or exceeded. |
| <b>Hand protection</b>                 | Butyl rubber gloves if prolonged skin contact likely. Barrier creams may help protect exposed areas of skin but should not be applied once exposure has occurred.                 |
| <b>Eye protection</b>                  | Safety glasses should be worn.  |
| <b>Skin protection</b>                 | Protective equipment is not normally necessary.   |
| <b>Hygiene measures</b>                | Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking or smoking.  |
| <b>Environmental exposure controls</b> | Refer to section 6 & 12.  |

### 9. PHYSICAL AND CHEMICAL PROPERTIES

|                             |   |
|-----------------------------|---|
| <b>Appearance</b>           | Paste.  |
| <b>Odour</b>                | None.   |
| <b>Specific Gravity</b>     | 1.47g/cm <sup>3</sup> (Black, brown, grey and white).<br>1.02g/cm <sup>3</sup> (Translucent). |
| <b>Water solubility</b>     | 0 g/l at 25°C   |
| <b>Oxidising properties</b> | No.   |

The above information is not intended for use in preparing product specifications.

### 10. STABILITY AND REACTIVITY

|                                |   |
|--------------------------------|---|
| <b>General information</b>     | Stable at room temperature.   |
| <b>Conditions to avoid</b>     | Moisture.   |
| <b>Materials to avoid</b>      | Avoid contact with acids, strong oxidising agents, strong reducing agents, aldehydes, and inorganic nitrates. |
| <b>Hazardous decomposition</b> | Ethanol. At temperatures above 150°C formaldehyde may be produced through oxidation.                          |

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### 11. TOXICOLOGICAL INFORMATION

|                                 |   |
|---------------------------------|---|
| On contact with eyes            | May cause temporary discomfort.   |
| On skin contact                 | No adverse effects are normally expected.   |
| On inhalation                   | Vapours evolved during curing may cause dizziness.  |
| On ingestion                    | Small amounts transferred to the mouth by fingers during use should not injure. Swallowing large amounts may cause digestive discomfort.  |
| Other health hazard information | Product may hydrolyse in gastro-intestinal tract and produce methanol. Methanol may irritate mucous membranes, has skin drying and narcotic effects. Absorption by the skin is possible. Possibility of damage to heart, kidneys, liver and optic nerves over a period of time. |

### 12. ECOLOGICAL INFORMATION

|  |   |
|--|---|
| Ecotoxicity effects                              | No adverse effects on aquatic organisms are predicted.                |
| Environmental fate and distribution              | Cured material, insoluble in water. No adverse effects are predicted. |
| Fate and effects in waste water treatment plants | No adverse effects on bacteria are predicted.                         |
| Persistence and degradability                    | Biologically not degradable.  |
| Bioaccumulation                                  | No bioaccumulation potential.   |

### 13. DISPOSAL CONSIDERATIONS

|                    |   |
|--------------------|---|
| Product disposal   | Dispose of in accordance with local regulations. Do not empty product into drains. According to the European catalogue, waste codes are not product specific, but application specific. The user should assign waste codes, preferably in discussion with the waste disposal authorities. |
| Packaging disposal | Dispose of in accordance with local regulations. Do not empty product into drains. The user should assign waste codes, preferably in discussion with the waste disposal authorities.  |

### 14. TRANSPORT INFORMATION

|                       |                                  |
|-----------------------|----------------------------------|
| Road / Rail (ADR/RID) | Not subject to ADR/RID.          |
| Sea transport (IMDG)  | Not subject to IMDG code.        |
| Air transport (ICAO)  | Not subject to ICAO regulations. |

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### 15. REGULATORY INFORMATION

#### Labelling according to EEC directive

|                         |  |
|-------------------------|--|
| <b>Nature of hazard</b> | No specific regulatory or labelling requirements.                      |
| <b>Hazard symbols</b>   | No specific regulatory or labelling requirements.                      |
| <b>R-phrases</b>        | No specific regulatory or labelling requirements.                      |
| <b>S-phrases</b>        | S24 Avoid contact with skin.<br>S51 Use only in well-ventilated areas. |
| <b>EINECS</b>           | All ingredients listed or exempt.                                      |

### 16. OTHER INFORMATION

This Product Safety Data Sheet was prepared in compliance with article 31 and Annex II of the EU REACH regulation as well as their relevant amendments, on the approximation of laws, regulations and administrative provisions relative to the classification, packaging and labelling of dangerous substances and preparations.

This product should only be used as stated in Hodgson literature. It is the responsibility of the persons in receipt of this Product Safety Data Sheet to ensure that the information contained herein is properly read and understood by all people who may use, handle, dispose of, or in any way come in to contact with the product. If the recipient subsequently produces a formulation containing the Hodgson product, it is the recipient's sole responsibility to ensure the transfer of all relevant information from the Hodgson Product Safety Data Sheet to their own Product Safety Data Sheet in compliance with article 31 and Annex II of the EU REACH regulation.

All information and instructions provided in the Product Safety Data Sheet are based on the current state of scientific and technical knowledge at the date indicated on the present Product Safety Data Sheet. Hodgson shall not be held responsible for any defect in the product covered by this Product Safety Data Sheet, should the existence of such defect not be detectable considering the current state of scientific and technical knowledge.