



HODGSON
SEALANTS

PRODUCT SAFETY DATA SHEETS

According to EC directive 91/155/ECC and subsequent amendments

Version: 1.0

Revision Date: 30/09/2002

SILFIX U9 (*Translucent*)

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

Trade Name	Silfix U9
Description	Gun applied soft paste for use as a sealant or adhesive
Manufacturer / Supplier	Hodgson Sealants Limited Belprin Road Beverley East Yorkshire HU17 0LN
Service	Tel: + 44 (0)1482 868321 Fax: + 44 (0)1482 679337
Emergency Phone Number (24 hr)	Tel: + 44 07703 517826

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical characterisation Silicone elastomer

Hazardous Ingredients:

Name	CAS No.	EC No.	Conc. (% w/w)	Classification & R phrases
Dimethyl siloxane (triethoxysilyl) ethyl-terminated	195158-82-8		60.0	
Trimethoxy(methyl)silane	1185-55-3	214-685-0	2.0	Xn, R22
Titanium (4+) 2-methylpropan-2-olate	3087-39-6	221-412-9	≤ 2.0	Xi R36/38
Trimethoxy(2-methylpropyl) silane	18395-30-7	242-272-5	2.0	Xn R22
Amino functional alkoxysilanes	-	-	1.0	Xi R36
Methanol	67-56-1	200-659-6	≤ 0.1	T R39/23/24/25 R23/24/25

3. HAZARDS IDENTIFICATION

This product is low hazard. Prolonged skin contact may defat and dry skin leading to possible irritation and dermatitis.

Eye contact may cause smarting and irritation



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4. FIRST AID MEASURES

Eye contact	Flush with water
Skin contact	Wipe off and wash with soap and water
Inhalation	Remove to fresh air
Ingestion	No first aid should be needed
Medical treatment	Give symptomatic treatment

5. FIRE FIGHTING MEASURES

Suitable extinguishing media	Carbon dioxide, foam, dry powder or fine water spray. Water can be used to cool fire exposed containers
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.
Hazardous combustion products	Silica. Carbon oxides and traces of incompletely burned carbon compounds. Formaldehyde

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Wear proper protective equipment
Precautions to protect the environment	Do not allow large quantities to enter drains or surface waters
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



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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Controls for hazardous components

Name	CAS No.	Exposure limits
Dimethyl siloxane (triethoxysilyl) ethyl-terminated	195158-82-8	1000 ppm TWA as ethanol
Trimethoxy(methyl)silane	1185-55-3	200 ppm TWA, 250 ppm STEL as methanol
Amino functional alkoxy silanes	-	200 ppm TWA, 250 ppm STEL as methanol
Methanol	67-56-1	200 ppm (266mg/m ³) TWA, 250 ppm (333mg/m ³) STEL

Personal protection equipment

Respiratory protection	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
Skin protection	Chemical protective gloves should be worn where repeated or prolonged contact can occur
Eye protection	Safety glasses should be worn
Hygiene measures	Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking or smoking
Additional information	None known

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Paste
Colour	Translucent
Odour	Alcoholic
Specific Gravity	1.02g/cm ³
Oxidising properties	No

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



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10 STABILITY AND REACTIVITY

Stability	Stable at room temperature
Conditions to avoid	None established
Materials to avoid	Avoid contact with acids, strong oxidising agents, strong reducing agents, aldehydes, inorganic nitrates
Hazardous decomposition	

11 TOXICOLOGICAL INFORMATION

On contact with eyes	May cause temporary discomfort
On skin contact	No adverse effects are normally expected
If inhale	Vapours evolved during curing may cause dizziness
On ingestion	Small amounts transferred to mouth by fingers during use should not injure. Swallowing large amounts may cause digestive discomfort.
Other health hazard information	Product may emit formaldehyde vapours at temperatures above 150°C in the presence of air. Formaldehyde vapour is harmful by inhalation and irritating to eyes and respiratory system at breathing concentration less than one part per million (1 ppm)

12 ECOLOGICAL INFORMATION

Environmental fate and distribution	Solid material, insoluble in water. No adverse effects are predicted
Ecotoxicity effects	No adverse effects on aquatic organisms are predicted
Bioaccumulation	No bioaccumulation potential
Fate and effects in waste water treatment plants	No adverse effects on bacteria are predicted

13 DISPOSAL CONSIDERATIONS

Product disposal	Dispose of in accordance with local regulations. DO NOT empty product into drains
Packaging disposal	Dispose of in accordance with local regulations. DO NOT empty product into drains



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14 TRANSPORT INFORMATION

<u>Road / Rail (ADR/RID)</u>	Not subject to ADR/RID
<u>Sea transport (IMDG)</u>	Not subject to IMDG code
<u>Air transport (ICAO)</u>	Not subject to ICAO regulations

15 REGULATORY INFORMATION

Classification as required by The Chemicals (Hazard Information & packaging for Supply) CHIP Regulations

Labeling according to EEC directive

Nature of hazard	No specific regulatory or labeling requirements
Hazard symbols	No specific regulatory or labeling requirements
R-phrases	No specific regulatory or labeling requirements
S-phrases	S24 Avoid contact with skin S51 use only in well-ventilated areas
EINICS	All ingredients listed or exempt

16 OTHER INFORMATION

This product Safety Data Sheet was prepared in compliance with Commission Directive 91/155/EEC, 67/548/EEC and 1999/45/EC as well as their relevant amendments, on the approximation of laws, regulations and administrative provisions relative to the classification, packaging and labeling of dangerous substances and preparations.

This product should only be used as stated in Hodgson Sealants Ltd. Literature. It is the responsibility of the persons in receipt of this Safety Data Sheet to ensure that the information contained herein is properly read and understood by all people who may use, handle, dispose or in any way come in to contact with the product. If the recipient subsequently produces a formulation containing the Hodgson Sealants product, it is the recipient's sole responsibility to ensure the transfer of all relevant information from the Hodgson Sealants Product Safety Data Sheet to their own Product Safety Data Sheet in compliance with Commission Directive 1999/45/EC.

All sections of this Safety Data Sheet have been amended since the previous version.

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

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