



**MATERIAL SAFETY DATA SHEET**  
according to regulation (EC) No. 1907/2006 (REACH)

**Product Name:** Silicone Sealant  
**JIR. No.:** 102295  
**Version:** GB/EN-J-02

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**Last revised date:** 21.10.08  
**Print Date:** 21.10.08

**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING**

Product Name: Silicone Sealant  
Application: Sealant based on silicone.  
Container Size: 100 ml  
Supplier: Unipart, Baginton A, Siskin Parkway West  
Middlemarch Business Park  
Baginton, Coventry, CV3 4FZ  
United Kingdom  
Tel.: +44 (0) 18 65 38 32 70  
24h Emergency Hotline Number: Tel.: +44 (0) 208 762 8322

Responsible for safety data sheet authoring: Jaguar\_SDS\_info@dhigroup.com

**2. HAZARDS IDENTIFICATION**

The product is classified: Xi;R36/38

Man: Irritating to eyes and skin. During curing, the product will release a substance, which may penetrate the skin. (cyclohexylamine)

Environment: The environmental hazard of the product is considered to be limited.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

The product contains: polydimethyl siloxanes, including methyltris(cyclohexyl)aminosilane and fillers.

<u>Chemical name</u>	<u>CAS-number</u>	<u>EINECS No./ ELINCS No.</u>	<u>%</u>	<u>Hazard classification</u>
N,N',N''-Tricyclohexyl-1-methylsilanetriamine	15901-40-3	240-040-8	1-<5	C;R35 Xn;R21/22

**4. FIRST-AID MEASURES**

Inhalation: Move injured person into fresh air and keep person calm under observation. If uncomfortable: Seek hospital and bring along these instructions.

Skin contact: Remove contaminated clothing immediately and wash skin with soap and water. In case of rashes, wounds or other skin disorders: Seek medical attention and bring along these instructions.

Eye contact: Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyelids widely. If irritation persists: Continue flushing during transport to hospital. Bring along these instructions.

Ingestion: Immediately rinse mouth and drink plenty of water. Keep person under observation. If uncomfortable: Seek hospital and bring along these instructions.



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## 5. FIRE-FIGHTING MEASURES

Extinguishing media: Extinguish with carbon dioxide or dry powder.

Specific hazards: By fire, toxic gases (CO, CO<sub>2</sub>, NO<sub>x</sub>) may be formed.

Protective equipment for fire-fighters: Besides general fire fighting equipment no special equipment is required for this product.

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## 6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Avoid inhalation of vapours and aerosols and contact with skin and eyes.

Environmental precautions: Do not discharge into drains, water courses or onto the ground.

Methods for cleaning up: Collect spillage with rags or other absorbent material. For waste disposal, see point 13.

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## 7. HANDLING AND STORAGE

Safe handling advice: Observe good industrial hygiene practices. Avoid inhalation of vapours and contact with skin and eyes.

Technical measures: None specific.

Technical precautions: Mechanical ventilation may be required.

Technical measures for safe storage: No special precautions.

Storage conditions: Store in tightly closed original container at temperatures between 5°C and 35°C.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical name	Exposure limits		Notes	References
	mg/m <sup>3</sup>	ppm		
Cyclohexylamine	41 (8 hours)	10 (8 hours)		WEL 2007

Engineering measures: Provide adequate ventilation. Observe Occupational Exposure Limits and minimise the risk of inhalation of vapours.

Personal protection: Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment (EN 166, EN 374, EN 14387).

Respiratory equipment: In case of inadequate ventilation use suitable respirator. It is recommended to use respiratory equipment with combination filter, type A2/P3.

Hand protection: Risk of contact: Wear protective gloves. Nitrile gloves are recommended, but be aware that the liquid may penetrate the gloves. Frequent change is advisable. Other types of gloves can be recommended by the glove supplier.

Eye protection: Risk of contact: Wear goggles/face shield.

Skin protection: No special precautions.

Hygiene measures: Wash hands after contact.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Form: paste  
Colour: coloured  
Odour: amine  
pH: \*\*  
Melting point: \*\*  
Boiling point: \*\*  
Flash point: 200°C  
Explosion limits: \*\*  
Vapour pressure: \*\*  
Density: 1,15 g/cm<sup>3</sup>  
Solubility: not miscible with water

\* = Not relevant    \*\* = not available



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## 10. STABILITY AND REACTIVITY

Stability: Stable at a temperature below 50°C.

Conditions/ materials to avoid: Store separate from oxidising agents (eg. peroxides).

Hazardous decomposition products: None in particular.

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## 11. TOXICOLOGICAL INFORMATION

Inhalation: Vapours may irritate throat and respiratory system and cause coughing. During curing, the product will release small quantities of irritating vapours (cyclohexylamine).

Skin contact: Irritating. During curing, the product will release a substance, which may penetrate the skin. (cyclohexylamine)

Eye contact: Irritating and may cause redness and pain.

Ingestion: No harmful effects expected in amounts likely to be ingested by accident. However, ingestion may cause irritation and malaise.

Specific effects: None known.

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## 12. ECOLOGICAL INFORMATION

Mobility: The product is not miscible with water and will sediment in water systems. The product is non-volatile.

Persistence/Degradability: The product is expected to be slowly biodegradable.

Ecotoxicity: The environmental hazard of the product is considered to be limited.

Bioaccumulative potential: Not stated. No data available on bioaccumulation.

Other adverse effects: Not stated.

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## 13. DISPOSAL CONSIDERATIONS

National and regional procedures for disposal of waste may vary. Dispose of spillages and waste according to agreement with local authorities.

Spillage/Used Product: EWC-code: 080409\*

\* = hazardous waste

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## 14. TRANSPORT INFORMATION

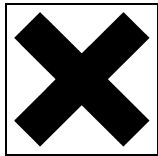
The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

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## 15. REGULATORY INFORMATION

### Labelling:



Irritant

R36/38	Irritating to eyes and skin.
S2	Keep out of the reach of children.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S46	If swallowed, seek medical advice immediately and show this container or label.
S56	Dispose of this material and its container to hazardous or special waste collection point.

If the contents of the package do not exceed 125 ml: Standard Risk and Safety phrases may be omitted.

### National regulations:

- 1) Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.
- 2) The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002 (S.I 2002 No. 1689), with amendments.
- 3) The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677).
- 4) Workplace Exposure Limits (WEL) EH40/2005, with amendments (2007).
- 5) The List of Wastes (England) Regulations 2005 (S.I 2005 No. 895), (Amendment S.I 2005 No. 1673).
- 6) Directives 67/548/EEC on dangerous substances (up to and inclusive of the 29th adaptation) and 1999/45/EC on dangerous preparations.

## 16. OTHER INFORMATION

The user must be instructed in the proper work procedure, the dangerous properties of the product and the necessary safety instructions.

### Wording of the risk phrases:

R21/22	Harmful in contact with skin and if swallowed.
R35	Causes severe burns.
R36/38	Irritating to eyes and skin.

The following sections contain revisions or new statements: 1, 8, 9, 12, 15, 16

The information on this data sheet represents our current data and is accurate to the best of our knowledge as to the proper handling of this product under normal conditions and in accordance with the application specified on the packaging and/or technical guidance literature. Any other use of the product which involves using the product in combination with any other product or any other process is the responsibility of the user.



# ATTACHMENT TO THE MATERIAL SAFETY DATA SHEET

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**Involved Products:**

1	JLM9710	100 ml
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