

1. **Product :** Hylosil RTV Silicone Sealant Grades 101, 101 (Grey), 102, 103, and 106.
Supplier: Hylomar Ltd. Cale lane. New Springs. WIGAN. WN2 1JT
 Tel; +44 (0) 1942 617000. Fax; + 44 (0) 1942 617001
 E-mail; info@hylomar.co.uk
 US Emergency Response No 1-800-373-7542

2. **Hazards Identification:**
 Irritating to eyes and skin

3. **Composition / Information on Hazardous Ingredients**

<u>Material</u>	<u>%</u>	<u>Risk Phrases</u>	<u>CAS No.</u>
Methyltriethoxyaminosilane	1-5%	R21/22, R35	15901-40-3

4.0 **First Aid: Effects of Over Exposure By:**

4.1 **Eye Contact:** Uncured product irritates eyes. 4.5
 4.2 **Skin Contact:** Uncured product may irritate the skin.
 4.3 **Inhalation:** Uncured product may cause respiratory irritation. 4.6
 4.4 **Ingestion:** Uncured product irritates mouth, throat and stomach. 4.7

Treatment of Over Exposure By:

4.5 **Eye Contact:** Rinse immediately with plenty of water for at least 10-15 minutes and seek medical advice.
 4.6 **Skin Contact:** Wipe off with cloth or paper. Immediately rinse with plenty of soap and water.
 4.7 **Inhalation:** Provide fresh air.
 4.8 **Ingestion:** Drink plenty of water in small portions and induce vomiting. Seek medical advice and clearly identify substance.

5.0 **Fire-Fighting Measures**

5.1 **Suitable Extinguishing Media:** Water spray jet, dry powder, foam, carbon-dioxide.
 5.2 **Unsuitable Extinguishing Media:** N/A

5.3 **Exposure Hazards:** Combustion products, resulting gases.

5.4 **Protective Equipment for Fire-Fighters:** Use respiratory protection independent or recirculated air.

6.0 **Accidental Release Measures**

6.1 **Personal Precautions:** Wear personal protective suit, gloves and goggles giving full protection.

6.2 **Environmental Precautions:** Observe local bye-laws.

6.3 **Clean-Up and Neutralisation Methods:** Absorb mechanically and dispose of according to regulations.

7.0 **Handling and Storage**

7.1 **Precautions for Safe Handling**
 Ensure adequate ventilation. Observe the general rules for fire protection.

7.2 **Storage Precautions**

Store in a cool dry place. Keep container tightly closed. Protect from moisture.

7.3 **Other Information**

8.0 **Exposure Controls / Personal Protection**

8.1 **Technical Protective Measures**
 8.2 **Exposure Control Limits:**
 Cyclohexylamine CAS NO 108-91-8
 41 Mg/M³.

8.4 **Hand Protection:**

Protective gloves

8.5 **Skin Protection:**

Overalls

8.6 **Eye / Face Protection:**

Goggles giving full protection

8.3 **Respiratory Protection:**
 Not required

9.0 **Physical and Chemical Properties**

9.1 **Physical State:** Paste
 9.2 **Colour:** Varies (According to Grade).
 9.3 **Odour:** Distinctive Amine
 9.4 **Flammability:** Ignition Temperature Approx 440°C

9.5 **Flashpoint:** 200°C

9.6 **Relative density / Specific Gravity:** 1.15 grams/cm³ @ 25°C

9.7 **Solubility in Water:** Virtually insoluble

<p>10.0 Stability and Reactivity If stored and handled in accordance with standard industrial practices no hazardous reactions are known.</p> <p>10.1 Conditions to Avoid: N/A</p> <p>10.2 Materials to Avoid: N/A</p>	<p>10.3 Hazardous Decomposition Products Under the effect of humidity, water and protoic agents, A small quantity of Cyclohexylamine will be released. At a temperature of approx 150°C a small amount of formaldehyde can be released by oxidative degradation.</p>
<p>11.0 Toxicological Information After cross-linking and removal of volatile substances product is not mutagenic nor carcinogenic nor teratogenic and is not hazardous to men and ecology. Acute toxicity: No data known. Further toxicological information: Product causes irritation of skin and mucous membranes. In contact with dampness product separates a small quantity of cyclohexylamine (108-91-8) which irritates skin, mucous membranes and respiratory system.</p>	
<p>12.0 Ecological Information Information of elimination (persistence and degradability) Biologically not degradable. Further information easily separable from water by filtration. Behaviour in environmental compartments: no data known. Ecotoxicological effects: According to past experience toxicity to fish is improbable. Effects in sewage treatment plants (bacteria toxicity: respiration/reproduction inhibition): According to present experience, no adverse effects on water purification plants Further ecological information In cross-linked state, not soluble in water.</p>	
<p>13.0 Disposal Considerations Disposal method: Dispose of according to regulations by incineration in a special waste incinerator. Observe local bye laws After solidification material can be stored together with domestic waste. Observe bye-laws. Statutory provisions: Observe local bye-laws.</p>	
<p>14.0 Transport Information: Not classed as hazardous for transportation</p>	
<p>14.1 Marine Pollutant: No</p>	
<p>15.0 Regulatory Information</p> <p>15.1 Classification: Xi Irritant</p> <p>15.2 Risk Phrases: EEC/R: 36/38 Irritating to eyes and skin.</p> <p>15.3 Safety Phrases: EEC/ S/26. In case of contact with eyes, rinse immediately with plenty of water and seek medical attention.</p>	<p>S/28. After contact with skin wash immediately with plenty of soap and water S/36/37/39. Wear suitable protective clothing, gloves and eye/face protection.</p> <p>15.4 Specific EC Controls</p> <p>15.5 Relevant UK Legislative Controls Chip 3.1 regulations 2005. Article 31 REACH</p>
<p>16.0 Other Information Raw materials used for silicone sealant 101 have been verified as being listed under the TSCA listings in the USA</p> <p>16.1 Training Advice</p> <p>16.2 Recommended Uses and Restrictions</p>	<p>16.3 Further Information</p> <p>16.4 Sources of Key Data Suppliers Safety Data Information. Chip 3.1 regulations 2005 Article 31 REACH EH40 amended October 2007 Annex 1(67/548/EEC)</p>

Every effort has been made to ensure that the information in this Safety Data Sheet is accurate and reliable, but the company cannot accept liability for any loss, injury or damage which may result from its use. Data given in this Safety Data Sheet is solely for the guidance in safe handling and use of the product by customers - they do not constitute a specification. Customers are reminded that there may be applications of our products which are protected by patent, under which they have no rights whatsoever. If any difficulties should arise, we will be happy to discuss them. Customers are encouraged to carry out their own tests. Before using any product, read the label carefully.

T Fullerton. 17.02.01

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