

<b>1. Product :</b> Hylomar Hyloloc 406 <b>Supplier:</b> Hylomar Ltd. Cale lane. New Springs. WIGAN. WN2 1JT Tel; +44 (0) 1942 617000. Fax; + 44 (0) 1942 617001 E-mail; <a href="mailto:info@hylomar.co.uk">info@hylomar.co.uk</a> US Emergency Response No 1-800-373-7542													
<b>2. Hazards Identification:</b> Irritating to eyes and skin.													
<b>3. Composition / Information on Hazardous Ingredients</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Material</th> <th style="text-align: center;">%</th> <th style="text-align: center;">CAS No.</th> </tr> </thead> <tbody> <tr> <td>Methacrylic Ester</td> <td style="text-align: center;">20 - 50</td> <td style="text-align: center;">24448-20-2</td> </tr> <tr> <td>Cumene Hydroperoxide</td> <td style="text-align: center;">1 - 3</td> <td style="text-align: center;">80-15-9</td> </tr> <tr> <td>2-Hydroxyethyl Methacrylate</td> <td style="text-align: center;">0 - 1</td> <td style="text-align: center;">868-77-9</td> </tr> </tbody> </table>		Material	%	CAS No.	Methacrylic Ester	20 - 50	24448-20-2	Cumene Hydroperoxide	1 - 3	80-15-9	2-Hydroxyethyl Methacrylate	0 - 1	868-77-9
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<b>4.0 First Aid</b> <b>Effects of Over Exposure By:</b>	<b>Treatment of Over Exposure By:</b>												
<b>4.1 Eye Contact</b> Causes moderate irritation and may cause permanent damage.	<b>4.5 Eye Contact</b> Rinse eye for at least 15 minutes with fresh water and seek medical attention.												
<b>4.2 Skin Contact</b> Causes moderate irritation.	<b>4.6 Skin Contact</b> Wash off immediately with soap and water. If irritation occurs seek medical attention.												
<b>4.3 Inhalation</b> Causes irritation to the eyes, nose and upper respiratory tract.	<b>4.7 Inhalation</b> Remove casualty to fresh air and keep warm.												
<b>4.4 Ingestion</b> Causes irritation to the mouth, throat and digestive tract and gives rise to symptoms of C.N.S. depression.	<b>4.8 Ingestion</b> Wash out the mouth with water. Seek medical attention immediately.												
<b>5.0 Fire-Fighting Measures</b>	<b>5.3 Exposure Hazards</b> Oxides of carbon.												
<b>5.1 Suitable Extinguishing Media</b> Water spray/jet, Foam, carbon dioxide or dry powder.	<b>5.4 Protective Equipment for Fire-Fighters</b> Use self-contained breathing apparatus.												
<b>5.2 Unsuitable Extinguishing Media</b> Full water jet.													
<b>6.0 Accidental Release Measures</b>	<b>6.3 Clean-Up and Neutralisation Methods</b> Absorb using sand, earth, sawdust or other absorbent medium. Place all absorbed waste into suitable containers for disposal.												
<b>6.1 Personal Precautions</b> Ensure adequate ventilation. Use personal protective clothing.													
<b>6.2 Environmental Precautions</b> Do not discharge into drains, surface water or ground water courses.													
<b>7.0 Handling and Storage</b> Keep container tightly closed when not in use. Ensure area is well ventilated.	<b>7.2 Storage Precautions</b> Protect from frost. Keep only in the original container and store at a temperature not exceeding 25°C.												
<b>7.1 Precautions for Safe Handling</b> Do not breathe vapour. Avoid contact with skin and eyes.													

<b>8.0 Exposure Controls / Personal Protection</b>	<b>8.4 Hand Protection</b>
<b>8.1 Technical Protective Measures</b> Ensure adequate ventilation.	Rubber gloves are recommended.
<b>8.2 Exposure Control Limits</b> Not assigned.	<b>8.5 Skin Protection</b> Rubber boots and rubber aprons are recommended.
<b>8.3 Respiratory Protection</b> Filter apparatus type A.	<b>8.6 Eye / Face Protection</b> Goggles are recommended.
<b>9.0 Physical and Chemical Properties</b>	<b>9.7 Flashpoint:</b> Greater than 100°C
<b>9.1 Physical State</b> Liquid.	<b>9.8 Vapour Density</b> Greater than air.
<b>9.2 Colour</b> Red or Blue	<b>9.9 Relative density / Specific Gravity</b> 1.19
<b>9.3 Odour</b> Ester-like	<b>9.10 Solubility in Water</b> Miscible in water
<b>9.4 pH Value</b> 9.2	<b>9.11 Solubility in Fats and Oils</b> Miscible
<b>9.5 Boiling Point</b> 100°C.	<b>9.12 Viscosity Approx.</b> 2500 centipoise at 25°C.
<b>9.6 Flammability</b> Will support combustion.	<b>9.13 Other Information</b>
<b>10.0 Stability and Reactivity</b> Exothermic reaction during polymerisation.	<b>10.2 Materials to Avoid</b> Strong reducing and oxidising agents.
<b>10.1 Conditions to Avoid</b> Sunlight and temperatures exceeding 25°C.	<b>10.3 Hazardous Decomposition Products</b> Oxides of carbon.
<b>11.0 Toxicological Information</b> Cumene Hydroperoxide LD50, Acute oral (rats) = 800 - 1600 mg/kg (83%) LD50, Acute oral (rats) = 382 mg/kg (73%) LC50, Acute inhalation (rats) = 700 ppm (4.3 mg/ml) 6 hrs. (83%) LC50, Acute inhalation (rats) = 220 ppm 4hrs (73%)	Skin irritation (rabbit) = Severe irritation (delayed) (83%) Skin irritation (rabbit) = Irritating (73%) Eye irritation (rabbit) = Cornea affected, iris conjunctiva extensively affected (83%) Eye irritation (rabbit) = Irritating (73%) Salmonella / Mucrosome mutagenicity test (Ames) = Doubtful
<b>12.0 Environmental Information</b> Not known	
<b>13.0 Disposal Considerations</b> Must be disposed of as special waste in accordance with regulations for special waste.	
<b>14.0 Transport Information</b> Not classified as hazardous for transportation	<b>14.1 Marine Pollutant:</b> No
<b>15.0 Regulatory Information</b>	S28 - After contact with skin, wash immediately with soap and water
<b>15.1 Classification</b> Xi - Irritant.	<b>15.4 Specific EC Controls</b> N/A
<b>15.2 Risk Phrases</b> R36/38 - Irritating to eyes and skin.	<b>15.5 Relevant UK Legislative Controls</b> CHiP Regulations
<b>15.3 Safety Phrases</b> S26 – In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.	

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**16.0 Other Information****16.1 Training Advice** N/A**16.2 Recommended Uses and Restrictions** N/A

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**16.3 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)

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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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