MATERIAL SAFETY DATA SHEET

1. **Product :** **Hylomar Microseal 204**

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

Not regarded as a health hazard under current legislation

3. Composition / Information on Hazardous Ingredients

Material	%	CAS No.
Water based acrylic polymer		

4.0 First Aid

Effects of Over Exposure By:

4.1 Eye Contact

May cause irritation.

4.2 Skin Contact

May cause irritation.

4.3 Inhalation

May cause irritation.

4.4 Ingestion

May cause irritation.

Treatment of Over Exposure By:

4.5 Eye Contact

Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes.

4.6 Skin Contact

Remove contaminated clothing. Rinse the skin immediately with lots of water. Continue to rinse for at least 15 minutes.

4.7 Inhalation

Provide fresh air, warmth and rest, preferably in comfortable upright sitting position. For breathing difficulties oxygen may be necessary. Get medical attention.

4.8 Ingestion

Promptly give affected personnel lots of water to drink to dilute the swallowed chemical. Get medical attention.

5.0 Fire-Fighting Measures

5.1 Suitable Extinguishing Media

Water spray. Foam. Dry Chemicals, sand, dolomite etc Carbon Dioxide (CO_2).

5.2 Unsuitable Extinguishing Media

5.3 Exposure Hazards

May evolve toxic fumes of oxides of carbon and nitrogen upon thermal decomposition. Acrylic monomers. High temperature generate: Asphyxiating gases/vapours/fumes of: Oxides of: Carbon, Nitrogen, Acrylic Monomers.

5.4 Protective Equipment for Fire-Fighters

Self contained breathing apparatus.

6.0 Accidental Release Measures

6.1 Personal Precautions

Safety spectacles, gloves and protective clothing need to be worn.

6.2 Environmental Precautions

Drains must be covered to avoid sewer/river contamination. In case of major spillage alert the emergency services and local water authority.

6.3 Clean-Up and Neutralisation Methods

7.0 Handling and Storage

7.1 Precautions for Safe Handling

7.2 Storage Precautions

Store above products freezing point

7.3 Other Information

Preferably use a mechanically operated pump to transfer the liquid. Avoid spilling, skin and eye contact.

8.0 Exposure Controls / Personal Protection

8.1 Technical Protective Measures

No eating or drinking while working with this material.

8.2 Respiratory Protection

Where engineering controls cannot be used, a dust/mist/fume respirator must be used where the risk of exposure is significant.

8.3 Hand Protection

Use protective gloves made of: Rubber, neoprene or PVC

8.4 Skin Protection

Use protective gloves made of: Rubber, neoprene or PVC

8.5 Eye / Face Protection

Wear approved safety goggles.

9.0 Physical and Chemical Properties

9.1 Physical State: Paste or slurry.

9.2 Colour: Blue

9.3 Odour: No characteristic odour

9.4 pH Value: 9.0-9.2

9.5 Boiling Point / Range: 100˜C

9.6 Relative density / Specific Gravity

1.05 Temperature˜(C):20

9.7 Solubility in Water: Miscible with water.

9.8 Other Information

10.0 Stability and Reactivity

Normally stable.

10.1 Conditions to Avoid

Avoid excess heat for prolonged periods of time.

10.2 Protect from frost

10.3 Materials to Avoid

No incompatible groups noted.

10.4 Hazardous Decomposition Products

High temperatures generate: Asphyxiating gases/vapours/fumes of: Oxides of: Carbon, Nitrogen, Acrylic monomers.

11.0 Toxicological Information Chronic exposure can result in de-fatting and irritation of the skin and possibly dermatitis.

12.0 Ecological Information Dangerous for the environment if discharged into watercourses.

13.0 Disposal Considerations

Incineration is the preferred route of disposal. This product is not classified as Special Waste under the current regulations.

14.0 Transport Information

Not classed as hazardous for transport

14.1 UN Number:

14.2 Packaging Group:

14.3 Shipping Name

14.4 Marine Pollutant: No

15.0 Regulatory Information

The Control of Substances Hazardous to Health Regulations 1988.

15.1 Classification

15.2 Risk Phrases

15.3 Not classified as dangerous for supply purposes.

Safety Phrases

15.4 Specific EC Controls

15.5 Relevant UK Legislative Controls

16.0 Other Information

16.1 Training Advice

16.2 Recommended Uses and Restrictions

16.3 Further Information

16.4 Sources of Key Data

Manufacturers MSDS's Chip 3.1 Regs 2005.
Article 31 REACH

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