



MATERIAL SAFETY DATA SHEET

Product: **Gem Seal 300**

1: IDENTIFICATION OF THE SUBSTANCE/ PREPARATION AND OF THE COMPANY/ UNDERTAKING

Product Name: **GEM SEAL 300**
Application: **Liquid-Cold Applied Elastomeric Waterproofing Membrane**
Company: **LAMACO SYSTEM SDN. BHD.**
Address: **407, Jalan Perusahaan 6, Taman Bandar Baru Mergong,
05150, Alor Setar, Kedah Darul Aman, Malaysia**
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2: COMPOSITION/INFORMATION ON INGREDIENTS

Composition: **Butyl Arcylic Styrene**
Hazardous Ingredient(s) **Non Content**
Risk Phrases: **Safety, Non-Risk**
Other Information %: **None**

3: HAZARDS IDENTIFICATION

Hazards: **Long term skin contact may cause health problems.**



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4. FIRST AID MEASURES

Eyes: **Irrigate immediately with copious quantity of water for several minutes. Obtain medical attention if irritation persists.**

Skin: **Wash thoroughly with soap and water or suitable skin cleanser as soon as possible.**

Inhalation: **Remove from exposure – unlikely to occur.**

Ingestion: **Wash out mouth with water. Do NOT induce vomiting. Obtain medical attention**

5: FIRE FIGHTING MEASURES

Suitable Extinguishing Media: **None, Non Flammable.**

Special Exposure Hazards: **None**

Special Protective Equipment: **None**

6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: **Wear suitable protective clothing, gloves and Eye / face protection.**

Environmental Precautions: **Prevent entry into drains, sewers and water courses**

Decontamination Procedures: **Soak up with inert absorbent or contain and remove by best. Available means. Gather into container. Dispose of as waste.**

7: HANDLING AND STORAGE

Handling: **Avoid skin and eye contact.**

Storage: **Store in cool, dry areas. Protect from frost.**



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8: EXPOSURE CONTROL/PERSONAL PROTECTION

Occupational Exposure Limits: **Yes, stored under proper conditions or safety area**

Engineering Control Measures: **Ventilation no requirement noted.**

9: PHYSICAL CHEMICAL PROPERTIES

Physical State: **Acrylic paste**

Colour: **White/Coloured upon request**

Odour: **Typical**

pH (concentrate): **8%**

Boiling Point/Range (°C): **Not applicable**

Flash Point (closed °C): **> 260 °C**

Autoflammability (°C): **Not applicable**

Explosive Properties (%) **Not applicable**

Oxidising Properties; **Not applicable**

Vapour Pressure (kPa at 20 °C): **Not applicable**

Relative Density (at 20 °C): **1.35 g/cu.cm**

Water Solubility: **Good**

10: STABILITY AND REACTIVITY

Stability: **Stable**

Conditions to Avoid: **Temperature (°C) below 0. Temperature (°C) above > 200**



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Materials to Avoid: **Water**

Hazardous Decomposition Products: **Fire**

11: TOXICOLOGICAL INFORMATION

The following toxicological assessment is based on the knowledge of the toxicity of the product's components.

Health Effects:

On Eyes: **Irritation**

On Skin: **Unlikely to irritate on brief or occasional exposure**

By Inhalation: **Low volatility makes inhalation unlikely at ambient temperatures**

By Ingestion: **Non-toxicity. May cause irritation of mouth, throat and digestive tract.**

Chronic: **Repeated and prolonged skin contact may lead to skin disorders.**

12: ECOLOGICAL INFORMATION

Environmental Assessment: **When used and disposed of as intended; no adverse environmental effects are foreseen**

Mobility: **Mobile liquid. Water only.**

Persistence and Degradability: **Not readily biodegradable**

Bio accumulative Potential: **Not expected to be bio accumulative.**

Ecotoxicity: **Non-toxic to all types of drinking Water/fish/daphnia/algae**



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13: DISPOSAL CONSIDERATION

Disposal must be in accordance with local and national legislation.

Unused Product: **Dispose of through an authorized waste contractor to a licensed site. Do not empty into drains, sewers or a water courses.**

Used/Contaminated Product: **As for unused product**

Packaging: **May be steam cleaned and recycled.**

14: REGULATORY INFORMATION

Hazel Label Data:

This product is NOT classified as dangerous for supply in the MALAYSIA & ASIA & European (EEC) & United States Of America & Latin America countries.

Safety Phases: **In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Avoid contact with skin and eyes.**

EC Directive: **Dangerous Substances Directive, 67/548/EEC and adoptions.**

Dangerous Preparation Directive, 88/379/EEC

Safety Data Sheet Directive, 91/155/EEC.

Statutory Instruments: **Chemicals (Hazard Information & Packaging for Supply) (Amendment) Regs. 1996 (SI1092).**

Control of Substances Hazardous to Health Regs. 1994 (SI 3246)

Codes of Practice: **Waste Management. The Duty of Care.
The above publications are available from HMSO**



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This MSDS summarizes our best knowledge of the Health and safety information of the product and how to safely handle the product. Each user should read this MDSF and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products.

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Health & Safety Some of the components of this product may be hazardous during mixing and application. Please consult the relevant Health & Safety Data Sheets, available from **LAMACO Malaysia** on request and sent with each delivery.



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