1. **PRODUCT IDENTIFICATION**

**TRADE NAME (as labeled):** LATICRETE® Hydropel Waterproofing Membrane Liquid

**CHEMICAL FAMILY:** Styrene – Acrylic Co-polymer

**MANUFACTURER’S/ DISTRIBUTOR’S NAME:** LATICRETE South East Asia Pte Ltd

38 Sungei Kadut, Street 2 (Level2 A3),

Singapore 729245.

Phone number for additional information: (65) 6515 3028

Date prepared or revised: 23/05/2015

2. **COMPOSITION INGREDIENTS**

<table>
<thead>
<tr>
<th>CHEMICAL NAMES</th>
<th>CAS NUMBERS</th>
<th>PERCENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Styrene Acrylic Polymer</td>
<td>025586-20-3</td>
<td>&gt; 90</td>
</tr>
<tr>
<td>Acrylic thickener</td>
<td>9003-01-4</td>
<td>1</td>
</tr>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>Balance</td>
</tr>
</tbody>
</table>

3. **HEALTH HAZARD INFORMATION**

The product does not contain any substances classified as hazardous under current regulations.

**Acute effects of overexposure**

**Skin Absorption** : Short single exposure not likely to cause significant skin irritation. Prolong or repeated exposure may cause skin irritation.

**Inhaled** : Not applicable.

**Skin Contact (In extreme cases)** : Irritation

**Eye Contact (In extreme cases)** : Irritation

**Chronic Effect Of Overexposure** : N.A.

**Other Health Hazard** : No specific data available.
4. **FIRST AID MEASURES**
   
   **Eye**: Irritation of the eyes immediately wash with water for 15 minutes.
   
   **Skin**: Wash off in flowing water with soap or shower.
   
   **Inhalation**: Keep patient calm, remove to fresh air, seek medical attention
   
   **Swallowing**: Give plenty of water to drink. Seek medical assistance.
   
5. **FIRE FIGHTING MEASURES**
   
   **Flash Point**: N.A.
   
   **Flammability Limits**: N.A.
   
   **Extinguishing Media**: All extinguishing media are suitable.
   
6. **ACCIDENTAL RELEASE MEASURES**
   
   Contain and collect the spilt material using sand, sawdust or absorbent materials. Transfer the recovered material into containers for disposal.
   
   Use water for final clean-up. Do not discharge untreated waste latex directly into sewers or waterways.
   
7. **HANDLING AND STORAGE**
   
   **Handling**: No special precautions needed.
   
   **Storage**: Ensure adequate ventilation, store at temperature between 4°C - 40°C protected from frost and direct sunlight. Material may develop bacterial odor on long term storage.
   
8. **EXPOSURE CONTROLS AND PERSONAL PROTECTION**
   
   **Engineering Controls**: None necessary
   
   **Personal Protection**: Precaution should be taken to avoid skin or eye contact or swallowing the product.
   
   **When handling or mixing the product**: -
   
   **Hand protection**: Suitable chemical resistant safety gloves: e.g. PVC.
   
   **Eye protection**: Safety glasses with side-shields (frame goggles) (e.g. EN 166)
General safety and hygiene measures: Hands and/or face should be washed before breaks and at the end of the shift. Avoid contact with skin and eyes.

9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Form</td>
<td>Liquid</td>
</tr>
<tr>
<td>Colour</td>
<td>Milky white</td>
</tr>
<tr>
<td>Odour</td>
<td>Faint odour</td>
</tr>
<tr>
<td>pH value</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Solidification</td>
<td>Not Determined</td>
</tr>
<tr>
<td>Boiling temperature</td>
<td>100°C (1,000 hPa)</td>
</tr>
<tr>
<td>Flash point</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>Not Determined</td>
</tr>
<tr>
<td>Density</td>
<td>Approx. 1.0 g/cm³ (20 °C)</td>
</tr>
<tr>
<td>Miscibility with water</td>
<td>Miscible</td>
</tr>
<tr>
<td>Viscosity, dynamic</td>
<td>Not Determined</td>
</tr>
<tr>
<td>Solids content</td>
<td>Approx. 50 %</td>
</tr>
</tbody>
</table>

10. STABILITY AND REACTIVITY

Stability: Stable at normal temperatures.

Materials and Conditions to avoid: None known

Hazardous Decomposition Products: None known in normal applications

11. TOXICOLOGY INFORMATION

Assessment of irritating effects: If the product adheres to skin, irritation may occur when it dries.

Primary skin irritation rabbit: Non-irritant
Primary irritations of the mucous membrane rabbit: Non-irritant
This product is not considered a carcinogen.

12. **ECOLOGICAL INFORMATION**

This material is not known as biodegradable.

13. **DISPOSAL CONSIDERATIONS**

This preparation is not classified as special waste under the Singapore control of pollution. Consult local regulations before disposal.

14. **TRANSPORT INFORMATION**

No special packaging requirements. Not classified as dangerous goods under the United Nations Transport Recommendations.

15. **REGULATORY INFORMATION**

Not classified as dangerous under current regulation

16. **OTHER INFORMATION**

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