1. **PRODUCT IDENTIFICATION**

TRADE NAME (as labeled): Flexi bond

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: 25/03/2015

2. **INGREDIENTS**

<table>
<thead>
<tr>
<th>Materials</th>
<th>CAS NUMBERS</th>
<th>Percent (%)</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>OTHER (SPECIFY)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Styrene Acrylic polymer</td>
<td>Trade secret</td>
<td>80 - 90</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Additives</td>
<td>Trade secret</td>
<td>0.3-0.5</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>10-20</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

N/A = Not applicable or available

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 contactor 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

Form : Liquid
Colour : Milky white
Odour : Faint odour
PH value : Not applicable
Solidification : Not Determined
Boiling temperature : 100 °C (1,000 hPa)
Flash point : Not applicable
Vapor pressure : Not Determined
Density : Approx. 1.0 g/cm³ (20 °C)
Miscibility with water : Miscible
Viscosity, dynamic : Not Determined
Solids content : Approx. 50 %

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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