1. **PRODUCT IDENTIFICATION**

TRADE NAME (as labeled): LATICRETE® 317 Floor and Wall

MANUFACTURER'S NAME: LATICRETE MIDDLE EAST LLC.
P.O. Box. 86028, Ras Al Khaimah, United Arab Emirates
Phone number for additional information: +971 7 244 6396

Date prepared or revised: 26-04-2017
Prepared by: Rafiq M
Date prepared or revised: 25/03/2015

2. **COMPOSITION INGREDIENTS**

<table>
<thead>
<tr>
<th>CHEMICAL NAMES</th>
<th>CAS NUMBERS</th>
<th>PERCENT</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Portland Cement</td>
<td>65997-15-1</td>
<td>30-35</td>
<td>10 mg/m³</td>
<td>50 mppcf</td>
</tr>
<tr>
<td>Silica sands</td>
<td>14808-60-7</td>
<td>50-60</td>
<td>N/A</td>
<td>0.1 mg/m³</td>
</tr>
<tr>
<td>Calcium carbonate</td>
<td>471-34-1</td>
<td>&lt;5</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Additives</td>
<td>Trade Secret</td>
<td>&lt;10</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

N/A = Not applicable or available

3. **HEALTH HAZARD INFORMATION**

SYMPTOMS OF OVEREXPOSURE for each potential route of exposure. (Possible Longer Term Effects): Chronic Bronchitis, possible silicosis, or cancer if exposed to greater than permissible limits for a prolonged period of time.

SIGNS AND SYMPTOMS OF EXPOSURE (Acute effects)

- Inhaled: Irritation of nose, cough, labored breathing, expectoration
- Contact with skin or eyes: Irritation of eyes, skin sensitization
- Absorbed through skin: N/A
- Swallowed: Expectoration

SUSPECTED CANCER AGENT?

☑ NO: This product's ingredients are not found in the lists.
4. **FIRST AID: EMERGENCY PROCEDURES**

Eye Contact : Hold eyelids apart and immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.

Skin Contact : Promptly wash contaminated skin with soap or mild detergent and water.

Inhaled : Move the exposed person to fresh air at once.

Swallowed : If person is conscious, give large quantities of water. After swallowing water, try to get person to vomit. Get medical attention immediately.

5. **FIRE FIGHTING MEASURES**

Flash Point method : Non-flammable or combustible

Auto ignition temperature (°C) : N/A

Flammable limits in air, volume % : Lower (LEL)

Fire extinguishing materials : Water spray, Carbon dioxide, Foam, Dry chemical

Special fire fighting procedures : N/A

Unusual fire and explosion hazards : N/A

6. **ACCIDENTAL RELEASE MEASURES**

Spill response procedures (include employee protection measures) : Shovel into pails or drums with covers. Wear appropriate equipment to prevent skin and eye contact; also a dust mask approved by NIOSH.

Preparing wastes for disposal (container types, neutralization, etc.) : N/A

NOTE: Dispose of all wastes in accordance with federal, state and local regulations.

7. **HANDLING AND STORAGE**

Store in a cool dry area.
8. **EXPOSURE CONTROLS AND PERSONAL PROTECTION**

**Ventilation and engineering controls**: N/A

**Respiratory protection (type)**: A NIOSH approved dust mask if TLV is exceeded

**Eye protection (type)**: Chemical goggles or safety glasses

**Gloves (specify material)**: Use impervious gloves, vinyl or rubber

**Other clothing and equipment**: Use appropriate clothing to prevent skin contact. Barrier creams will assist in protecting the skin from contamination.

**Work practices, hygienic practices**: Familiarize the employees with the special handling procedures in this section; also encourage prompt removal of contaminated clothing and washing of contaminated areas.

**Other handling and storage requirements**: N/A

**Protective measures during maintenance of contaminated equipment**: See above.

9. **PHYSICAL AND CHEMICAL PROPERTIES**

**Vapor density (air=1)**: N/A

**Melting point or range, °C**: N/A

**Specific gravity**: 1.28

**Boiling point or range, °C**: N/A

**Solubility in water**: Insoluble

**Evaporation rate (butyl acetate = 1)**: N/A

**Vapor pressure, mmHg at 20°C**: N/A

**Appearance and odor**: Grey or white odorless powder

HOW TO DETECT THIS SUBSTANCE (warning properties of substance as a gas, vapor, dust, or mist)
10. **STABILITY AND REACTIVITY**

   Stability : Stable  
   Conditions to avoid : Keep dry until used.  
   Incompatibility (materials to avoid) : N/A  
   Hazardous decomposition products : (from burning, heating, or reaction with other materials). N/A  
   Hazardous polymerization : Will not occur  
   Conditions to avoid : N/A  

11. **TOXICOLOGY INFORMATION**

   N/A

12. **ECOLOGICAL INFORMATION**

   N/A

13. **DISPOSAL CONSIDERATIONS**

   Dispose in compliance with local, state, and federal regulations.

14. **TRANSPORT INFORMATION**

   No special labeling or transportation placarding is required.  
   **DOT**  
   Not regulated as a hazardous material by DOT.  
   **IATA**  
   Not regulated as a dangerous good.  
   **IMDG**  
   Not regulated as a dangerous good.

15. **REGULATORY INFORMATION**

   Not classified as dangerous under current regulation

16. **OTHER INFORMATION**

   This information is furnished without warranty, representation, inducement or license of any kind; except that it is accurate to the best of our knowledge, or obtained from sources believed by us to be accurate.