I. PRODUCT IDENTIFICATION

TRADE NAME (as labeled): LATICRETE 315 TILE ADHESIVE

CHEMICAL FAMILY: PORTLAND CEMENT

MANUFACTURER’S NAME: LATICRETE MIDDLE EAST LLC.
P.O. Box. 86028, Ras Al Khaimah United Arab Emirates

Phone number for additional information: +971 7 2446396

Date prepared or revised: 25/04/2017

Prepared by: Rafiq .M

II. HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Composition</th>
<th>WT %</th>
<th>CAS No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Portland Cement</td>
<td>25-35</td>
<td>65997-15-1</td>
</tr>
<tr>
<td>Silica Sand</td>
<td>65-75</td>
<td>14808-60-7</td>
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</tbody>
</table>

Substances listed are those identified as being health hazards and present at a concentration of % or greater, or 0.1% if the substance is on the list of potential carcinogens cited in OSHA Hazard Communication Standard. N/A = Not applicable or available

III. PHYSICAL PROPERTIES

Vapor density (air=1) : N/A
Melting point or range, °F : N/A
Specific gravity : 1.40
Boiling point or range, °F : N/A
Solubility in water. : Insoluble
Evaporation rate (butyl acetate=1) : N/A
Vapor pressure, mmHg at 20°C: 0MM
pH: 11 when wet
Appearance and odor: Grey or white powder, odorless

HOW TO DETECT THIS SUBSTANCE: (warning properties of substance as a gas, vapor, dust, or mist): N/A

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IV. FIRE AND EXPLOSION

Flash Point, °F (give method) : Not flammable or combustible
Auto ignition temperature, °F : N/A

Flammable limits in air, volume % : N/A Lower (LEL) ______  Upper (UEL)_____

Fire extinguishing materials : N/A

- Water spray __________________ carbon dioxide ________________ other
- foam __________________ dry chemical

Special fire fighting procedures : N/A

Unusual fire and explosion hazards : NONE

V. HEALTH HAZARD INFORMATION

SYMPTOMS OF OVEREXPOSURE for each potential route of exposure.

Inhaled: Symptoms are dyspnea-caused by many lung scars that develop from the dust pain In chest, decreased with capacity and cough. Inhalation of the dust can cause silicosis and may cause lung cancer depending on duration at level of exposure.

Contact with skin or eyes : May be irritating to the eyes.
Absorbed through skin : N/A

HEALTH EFFECTS OR RISKS FROM EXPOSURE - Explain in lay terms. Attach extra page If more space is needed:

Acute: Eye contact may cause eye irritation. Inhalation of dust may cause lung irritation.
Chronic: Chronic Bronchitis, possible silicosis, or cancer if exposed to greater than permissible limits for a prolong period of time.

FIRST AID: EMERGENCY PROCEDURES

Eye Contact: Wash the eyes with large amounts of water, occasionally lifting the lower and upper lids. Get medic 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.

SUSPECTED CANCER AGENT?

_______ NO: This product’s Ingredients are not found in the lists below.

YES: ________________ Federal OSHA ________________ NTP ___ X IARC

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Chronic lung scarring leads to a progressive massive fibrosis that is often accompanied by increased susceptibility to the risk of impaired health due to a combination of smoking and dust exposure. Persons with reduced pulmonary function may be at increased risk.

VI. REACTIVITY DATA

Stability: ___ X Stable _________________ Unstable

Conditions to avoid: Keep dry until used

Incompatibility (materials to avoid): N/A
Hazardous decomposition products (including combustion products): NONE
Hazardous polymerization: ______________________ May occur X ____ will not occur
Conditions to avoid: N/A

VII. SPILL, LEAK AND DISPOSAL PROCEDURES
Spill response procedures (Include employee protection measures): Wear appropriate equipment to prevent skin and eye contact; also a dust mask approved by NIOSH, Preparing wastes for disposal (container types, utralization, etc.): Sweep and/or shovel into pails or drums with covers.
NOTE: Dispose of all wastes in accordance with federal, state and local regulations.

VIII. SPECIAL HANDLING INFORMATION
Ventilation and engineering controls: N/A
Respiratory protection (type): NIOSH approved dust mask. 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: Store in a dry area.
Protective measures during maintenance of contaminated equipment: Wear gloves to prevent skin contamination.
This product contains a chemical known to the State of California to cause cancer or reproductive harm.