



# SAFETY DATA SHEET

## 1. PRODUCT IDENTIFICATION

TRADE NAME (as labeled): **LATICRETE 86 LatiLevel Self Leveling Underlayment**

USE: Portland cement based self leveling mortar

### Manufacturer / Importer / Supplier / Distributor information

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

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## 2. HAZARDS IDENTIFICATION

**Classification:** Hazardous according to the criteria of the NOHSC. All components are listed on the AICS. Not classified as a Dangerous Goods substance according to the ADG code. Not classified as a scheduled poison according to the SUSDP. Not classified as a flammable or combustible liquid according to the criteria of AS 1940.

**Risk Phrases:** R36 –Irritating to eyes, R37 Irritating to the respiratory system. R38 Irritating to the skin. R49 May cause cancer by inhalation (long term), R66 Repeated exposure may cause skin dryness or cracking.

**Safety Phrases:** S22 Do not breathe dusts. S24 Avoid contact with the skin. S25 Avoid contact with eyes. S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S28 After contact with skin wash immediately with plenty of soap suds. S38 In case of insufficient ventilation, wear suitable respiratory protection. S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Composition	WT %	CAS No
portland cement	28 - 38	65997-15-1
silica sand	52 - 62	14808-60-7
Calcium sulfate	1 - 8	7778-18-9
Calcium aluminate	1- 8	65997-16-2
lithium carbonate	0.3 - 1	554-13-2

## 4. FIRST AID

### SYMPTOMS OF OVEREXPOSURE for each potential route of exposure.

**Inhaled:** Irritation of nose, cough, labored breathing, expectoration. Prolonged exposure to high dust levels generated by mechanical grinding of cured product or careless handling of the dry powder may lead to serious lung conditions.

**Contact with eyes:** Irritation of eyes, skin sensitization, alkali burns if not attended to immediately.

**Contact with Skin:** Alkali burns when in prolonged contact with especially damp skin. Prolonged or repeated exposure may cause drying and cracking of the skin. Prolonged exposure may lead to dermatitis.

**Swallowed:** Small amounts due to normal handling will have little or no effect. Possible alkali burns around mouth and throat for larger amounts if not attended to immediately.

**FIRST AID or EMERGENCY PROCEDURES**

**Eye Contact:** Wash the eyes with large amounts of water for 15 minutes, occasionally lifting the lower and upper lids. Get medical attention immediately.

**Skin Contact:** Remove contaminated clothing. Promptly wash contaminated skin with soap or mild detergent and water. Seek medical attention if skin has been broken or redness and irritation persist.

**Inhaled:** Safely move the exposed person to fresh air at once. Provide artificial respiration if breathing stops. Seek medical attention unless recovery is immediate.

**Swallowed:** If the person is conscious, give large amounts of water. Do not induce vomiting. Get medical attention immediately.

**First aid facilities**

Provide industrial first aid facilities, eye wash station and safety showers as appropriate.

**Notes to Physician**

Possible aggravated pre-existing conditions –none reported.

Suggested treatment for acute symptoms, known antidotes –Provide care and treatment based on the patients reaction to the exposure. For further information contact the; Poisons Information Centre 131126 in all states (New Zealand Dial 0800764766)

**Health effects or risk from exposure**

**Acute:** Irritation of mucous membranes. Skin irritation.

**Chronic:** Chronic Bronchitis. Dust may contain respirable crystalline silica. Long term exposure to excessive levels of crystalline silica can lead to silicosis and possibly lung cancer. Prolonged skin contact can lead to alkaline defatting dermatitic effects or chromium (VI) sensitization from traces of chromium in the cement.

..... **5. FIRE AND EXPLOSION** .....

**Flash Point, °C (give method):** Not flammable or combustible

**Auto ignition temperature, °C:** 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      \_\_\_\_\_

**Hazchem Code:** Not allocated

**Material is not combustible.** Product packaging material may however add to combustible load in the event of a fire.

**Special fire fighting procedures:** N/A

**Unusual fire and explosion hazards:** N/A

..... **6. ACCIDENTAL RELEASE MEASURES** .....

**Emergency Procedures –Spills and Leaks - Include employee protection measures:** Wear appropriate equipment to prevent skin and eye contact. Avoid breathing dust and making contact with skin.

Prevent from entering drains and waterways.

**Minor Spills:** Slippery when wet. Bury in approved landfill.

**Major Spills:** Clear area of personnel and move upwind. Collect solid residues without producing excess dust and seal in labeled drums for disposal. Wash area and prevent runoff into drains. Advise emergency services of any contamination of drains or waterways.

**Disposal:** Recycle wherever possible or consult manufacturer for recycling options. Dispose of in an authorized landfill.

.....7. HANDLING AND .....

**STORAGE** Handle with suitable protective clothing. Avoid skin or eye contact.

Suitable Containers  
Check all containers are clearly labeled and free from leaks.

Storage Requirement  
Store in original containers, keep containers securely sealed when not in use. Store in a cool, dry ventilated place. Protect containers against physical damage and check regularly for leaks. Observe manufacturers storing and handling recommendations.

..... 8. EXPOSURE CONTROLS & PERSONAL PROTECTION. No exposure.....

standards for this product have been established. The standard for some of the ingredients has been set:

Substance	TWA	STEL
Crystalline Silica	0.1 mg/m <sup>3</sup>	Not established
Portland Cement	10mg/m <sup>3</sup>	Not established

**Ventilation and engineering controls:** Use mechanical exhaust ventilation if at risk of excessive dust exposure or levels above the TWA. Outdoor use and open areas is usually adequate.

**Respiratory protection (type):** Use a high quality, well fitting dust mask during normal use or a respirator with particulate filters to AS1715 & AS1716 in very dusty conditions.

**Eye protection (type):** Use a chemical goggle or safety glasses with side shields or safety glass to AS1337.

**Gloves (specify material):** Use impervious gloves, vinyl or rubber to AS2161.2

**Other clothing and equipment:** Wear clean, long-sleeved, body covering clothing and have eye wash on hand.

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

.....9. PHYSICAL PROPERTIES.....

<b>Vapor density (air=1):</b> N/A	<b>Melting point or range, °C:</b> N/A
<b>Specific gravity:</b> 1.25	<b>Boiling point or range, °C:</b> N/A
<b>Solubility in water:</b> Insoluble	<b>Evaporation rate (butyl acetate = 1):</b> N/A

**Vapor pressure, mmHg at 20 ° C:** 0mm

**Appearance and odour:** Cement coloured powder, no odour

..... 10. REACTIVITY DATA.....

Stability:  Stable  Unstable .....

Conditions to avoid: Keep dry until used

Incompatibility (materials to avoid): None

Hazardous decomposition products (including combustion products): (from burning, heating or reaction with other material): None

Hazardous polymerization:  May occur  Will not occur

.....11 . TOXICOLOGICAL INFORMATION .....

No relevant product data found

.....12. ECOLOGICAL CONSIDERATIONS.....

Will block drains or small waterways as product cures in contact with water.

..... 13. DISPOSAL CONSIDERATIONS.....

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

..... 14. TRANSPORT CONSIDERATIONS.....

Requirements under the ADG code, IMDG code, or the IATA DG code do not apply to this product

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 .....

Label in accordance with the National Code of Practice for the Labeling of Workplace Substance (NOHSC: 2012 (1994)): Labeling under the SUSDP or the ADG Code is not required.

..... 16. OTHER INFORMATION.....

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