



SAFETY DATA SHEET

Version No:19-01
Issue Date: 12-Feb-2019

LATICRETE® HYDRO BAN®

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Name LATICRETE® HYDRO BAN®
Recommended use Liquid Water Proofing Membrane (For professional use).
Company Name: LATICRETE MIDDLE EAST LLC
Manufacturer/ Importer/ Supplier/ Distributor information Address P.O. Box. 86028, Ras Al Khaimah, United Arab Emirates
Telephone: +971 7 244 6396

2. HAZARD (s) IDENTIFICATION

Classification Skin Sens-1

Label Element



Signal Words Warning

Hazard Statement(s) H317 May cause an allergic skin reaction

Precautionary Statement(s)
Prevention

P280 Wear protective gloves and eye/face protection.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P272 Contaminated work clothing should not be allowed out of the workplace
P270 Do not eat, drink or smoke when using this product.
P264 Wash with plenty of water and soap thoroughly after handling.

Precautionary Statement(s)
Response

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P303 + P362 IF ON SKIN (or hair): Wash with plenty of soap and water.
P362 + P364 Take off contaminated clothing and wash before reuse.

Precautionary Statement(s)
Storage

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

Precautionary Statement(s)
Disposal

Dispose waste according to local regulation.

Other hazards which do not result in classification

None known.

Supplemental information

In combination with water, repeated or prolonged dermal exposure can cause moderate to severe alkali burns

Emergency overview

IRRITANT. Irritating to eyes, respiratory system and skin.

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Name | CAS No | Content (% by wt) |
|---------------------------|------------|-------------------|
| Modified styrene polymers | Nil | >20 |
| Water | 7732-18-5 | >40 |
| Zinc Oxide | 1314-13-2 | >1 |
| Titanium dioxide | 13463-67-7 | >0.5 |



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4. FIRST-AID MEASURES

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| Inhalation | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if any discomfort continues |
| Skin contact | Take off immediately all contaminated clothing. Chemical burns must be treated by a physician. Wash contaminated clothing before reuse. Get medical attention immediately |
| Eye contact | Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately |
| Ingestion | Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Get medical attention if any discomfort continues. |
| Personal protection for first-aid responders | Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves |
| Symptoms caused by exposure | Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. |
| Medical attention and special treatment | Provide general supportive measures and treat symptomatically. |

5. FIRE-FIGHTING MEASURES

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| Extinguishing media | |
| Suitable extinguishing media | Alcohol resistant foam. Water fog. Dry chemical powder. Carbon dioxide (CO ₂). |
| Unsuitable extinguishing media | Do not use water jet as an extinguisher, as this will spread the fire |
| Specific hazards arising from the chemical | Hazards during fire-fighting: carbon monoxide, carbon dioxide, harmful vapours Evolution of fumes/fog. The substances/groups of substances mentioned can be released in case of fire. Product is not combustible or explosive. |
| Special protective equipment and precautions for fire fighters | Self-contained breathing apparatus and full protective clothing must be worn in case of fire. |
| Firefighting equipment/instructions | Product itself is non-combustible; fire extinguishing method of surrounding areas must be considered. The degree of risk is governed by the burning substance and the fire conditions. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations. |
| General fire hazards | No unusual fire or explosion hazards noted. |

6. ACCIDENTAL RELEASE MEASURES

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| Personal precautions, protective equipment and emergency procedures | |
| For non-emergency personnel | Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. |
| For emergency responders | wearing appropriate protective clothing. |
| Environmental precautions | Avoid release to the environment. Do not discharge into drains, water courses or onto the ground. Environmental manager must be informed of all major releases |
| Methods and materials for containment and cleaning up | Large Spills: Pick up with suitable appliance and dispose of. Pack in tightly closed containers for disposal.. Small Spills: Pick up with suitable appliance and dispose off. |
| Other issues relating to spills and releases | Never return spills in original containers for re-use. For waste disposal, see Section 13 of the SDS. Clean up in accordance with all applicable regulations. |

7. HANDLING AND STORAGE

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| Precautions for safe handling | Do not breathe the vapor. |
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Conditions for safe storage, including any incompatibilities

Containers should be stored tightly sealed in a dry place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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| Control parameters | Follow standard monitoring procedures. |
| Occupational exposure limits | US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) Titanium dioxide: PEL 15 mg/m ³ Total dust. Zinc oxide: PEL 5 mg/m ³ Respirable fraction. |
| Biological limit values | No biological exposure limits noted for the ingredient(s). |
| Appropriate engineering controls | Good general ventilation should be used. Provide eyewash station. |

Individual protection measures, for example personal protective equipment (PPE)

| | | |
|---------------------------------|--|---|
| Eye/face protection | Wear safety glasses with side shields (or goggles). Face-shield. Wear a full-face respirator, if needed |   |
| Skin protection Hand protection | Wear appropriate chemical resistant gloves. |  |
| Others | Body protection must be chosen based on level of activity and exposure. | |
| Respiratory protection | In case of insufficient ventilation, wear suitable respiratory equipment | |
| Hygiene measures | Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants | |

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---|----------------|
| Appearance | Liquid |
| Colour | Olive Green |
| Odour | Typical |
| pH | 8-9 |
| Melting point/ freezing point | Not applicable |
| Initial boiling point and boiling range | 100°C |
| Flash point | Not flammable |
| Evaporation rate | Not applicable |
| Flammability (solid, gas) | Not applicable |
| Vapor pressure | Not applicable |
| Relative density | 1.34 |
| Solubility (water) | Insoluble |
| Auto-ignition temperature | Not available |

10. STABILITY AND REACTIVITY

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| Reactivity | The product is stable and non reactive under normal conditions of use, storage and transport. |
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| Chemical stability | Material is stable under normal conditions |
| Possibility of hazardous reactions | No dangerous reaction known under conditions of normal use. |
| Conditions to avoid | Heat, flame |
| Incompatible materials | Oxidizing agents |
| Hazardous decomposition products | Carbon dioxide, carbon monoxide |

11. TOXICOLOGICAL INFORMATION

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| Information on possible routes of exposure | Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquid. |
| Acute toxicity/ Effects | May cause discomfort if swallowed. |
| Oral | Swallowing may cause gastrointestinal irritation |
| Inhalation | Dust irritates the respiratory system, and may cause coughing and difficulties in breathing |
| Dermal | Not a skin sensitizer. |
| Eye | May cause eye irritation on direct contact |
| Sensitization | Not known |
| Chronic Toxicity /Effects | |
| Carcinogenicity | This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA |
| Repeated dose toxicity | No data available |
| Reproductive toxicity | No data available |
| Aspiration hazard | Not classified |
| Other Information | Nil. |

12. ECOLOGICAL INFORMATION

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|-------------------------------|---|
| Eco-toxicity | Zinc oxide Aquatic: Crustacea LC50 Water flea (Daphnia magna) = 0.098 mg/l, 48 Hours |
| Persistence and degradability | No data is available on the degradability of this product. |
| Bioaccumulative potential | No data available for this product |
| Mobility in soil | The product is soluble in water. |
| Additional information | No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this comp |

13. DISPOSAL CONSIDERATIONS

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| Disposal methods | Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local / regional/ national/ international regulations. |
| Residual waste | Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions). |
| Contaminated packaging | Completely emptied packaging can be given for recycling. |

14. TRANSPORT INFORMATION

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| ADG | Not classified as a dangerous good under transport regulations |
| IMDG | Not classified as a dangerous good under transport regulations |
| IATA/ ICAO | Not classified as a dangerous good under transport regulations |



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15. REGULATORY INFORMATION

Safety, health and environmental regulations

National regulations

Followed

International regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

16. OTHER INFORMATION

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19-February-2019

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