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* **1 Identification of the substance/mixture and of the company/undertaking**

Product identifier

Trade name: Hydro Stick On Waterproofing Membrane

MSDS ID Number:

Details of the supplier of the safety data sheet

Manufacturer/Supplier:

Laticrete South East Asia Pte Ltd
38 Sungei Kadut Street 2
(Level 2, A3)
Singapore 729245

Other Country Contact Information:

For products distributed beyond the country Manufacturer/Supplier identified above
Consult Section 16 for additional emergency contact information.

Information department:

Environmental Health & Safety

Transport Emergency:

* **2 Composition/information on ingredients**

Chemical characterization: Mixtures

Description: Mixture of the substances listed below with nonhazardous additions.

Hazardous components:		
8052-42-4	Asphalt	50-100%
64742-04-7	Extracts (petroleum), heavy paraffinic distillate solvent	20-25%

* **3 Hazards identification**

Information concerning hazards for human and environment:

May cause cancer.

Safety phrases:

Avoid exposure - obtain special instructions before use.
When using do not eat or drink.
Wear suitable protective clothing.
In case of accident or if you feel unwell, seek medical advice immediately.



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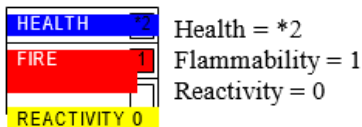
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See Section 13 for disposal information.

Hazard description: Harmful **Eye Contact:** Causes eye irritation. **Skin Contact:** Causes skin irritation. Skin absorption of residue from adhesive may be harmful and may produce local skin tumors. **Skin Absorption:** Harmful if absorbed through the skin. **NFPA ratings (scale 0 - 4)**



HMIS-ratings (scale 0 - 4)



Other hazards Contact with residue from adhesive may cause eye and skin irritation.

*

4 First aid measures

After inhalation:

Adverse effects are not likely. If symptoms develop, get fresh air. If symptoms persist, consult a physician. If breathing has stopped, give artificial respiration then oxygen if needed.

After skin contact:

If skin irritation continues, consult a doctor.

If residue remains, clean with waterless handcream or abrasive soap. Never use solvents.

After eye contact:

If contact with residue causes eye irritation, flush eyes with water for at least 15 minutes while holding eyelids open. Seek immediate medical advice.

After swallowing: Due to physical nature of this product, ingestion is not likely.

*

5 Firefighting measures

Suitable extinguishing agents:

CO₂, extinguishing powder or water spray. Fight larger fire with alcohol resistant foam.

Special hazards arising from the substance or mixture No further relevant information available.

Additional information Collect contaminated fire fighting water separately. It must not enter the sewage system.



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* 6 Accidental release measures

Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

Methods and material for containment and cleaning up: Pick up mechanically.

Dispose contaminated material as waste according to section 13 of the MSDS.

Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

* 7 Handling and storage

Handling:

Precautions for safe handling

Membrane is slippery when wet or covered with frost.

Avoid eye and skin contact with residue from adhesive.

Release liners are slippery. Remove from work area immediately after membrane application.

To avoid skin contact, use gloves. Clean hands after contact with adhesive residue.

Release liners may cause slip and trip hazards.

FOR PROFESSIONAL USE ONLY. KEEP OUT OF CHILDREN'S REACH.

Information about protection against explosions and fires:

Removal of release liner may generate a static electrical discharge (spark).

Storage:

Further information about storage conditions: -

Specific end use(s) No further relevant information available.

* 8 Exposure controls/personal protection

Additional information about design of technical systems: No further data; see item 7.

Components with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information: The lists that were valid during the creation were used as basis.



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Personal protective equipment:

General protective and hygienic measures: Avoid contact with the eyes and skin.

Breathing equipment: Respiratory protection is not normally required. If exposures exceed PELs use a NIOSH approved organic vapor respirator.

Protection of hands:

Gloves should be worn to prevent skin contact and should be impermeable and resistant to the product.

Material of gloves

Gloves should be impermeable and resistant to the product. Selection of material should be considered before use.

Eye protection: Not required.

Body protection: Protective work clothing

*

9 Physical and chemical properties

General Information

Appearance:

Form:

Solid

Color:

According to product specification

Odor:

Characteristic

Odour threshold:

Not determined.

pH-value:

Not applicable.

Change in condition

Melting point/Melting range:

Undetermined.

Flash point:

Not applicable.

Flammability (solid, gaseous):

Not determined.

Decomposition temperature:

Not determined.

Auto igniting:

Product is not selfigniting.

Danger of explosion:

Product does not present an explosion hazard.

Explosion limits:

Lower:

Not determined.

Upper:

Not determined.

VOC Content (max):

Not determined.

Vapor pressure:

Not applicable.

Density at 20°C (68 °F):

~1.1 LBS/CF

Vapour density

Not applicable.

Evaporation rate

Not applicable.

Solubility in / Miscibility with

Water:

Insoluble.



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Segregation coefficient (n-octanol/water): Not determined.

Viscosity:

Dynamic: Not applicable.

Kinematic: Not applicable.

Other information

No further relevant information available.

* **10 Stability and reactivity**

Thermal decomposition: No decomposition if used according to specifications.

Incompatible materials: No further relevant information available.

Hazardous decomposition products:

Carbon monoxide and carbon dioxide

Hydrogen sulfide

Additional information: See section 7 for information on handling, storage and conditions to be avoided.

* **11 Toxicological information**

Additional toxicological information: Carcinogenic.

* **12 Ecological information**

Aquatic toxicity: No further relevant information available.

Persistence and degradability No further relevant information available.

Behavior in environmental systems:

Bioaccumulative potential No further relevant information available.

Additional ecological information:

General notes: Slightly hazardous for water

* **13 Disposal considerations**

Waste treatment methods Comply with Federal, State and local regulations.



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Recommendation:



Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Uncleaned packagings:

Recommendation: Disposal must be made according to official regulations.

* **14 Transport information**

UN-Number DOT, ADR, IMDG, IATA	Not applicable.
UN proper shipping name DOT, ADR, IMDG, IATA	Not applicable.
Transport hazard class(es) DOT, ADR, ADN, IMDG, IATA Class	Not applicable.
Packing group DOT, ADR, IMDG, IATA	Not applicable.
Environmental hazards: Marine pollutant:	No
Special precautions for user	Not applicable.
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
Transport/Additional information:	
DOT Remarks:	Not Regulated.
ADR Remarks:	Not Regulated.
ADN Remarks:	Not regulated
IATA Remarks:	Not Regulated.



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* 15 Regulatory information

SARA (Superfund Amendments and Reauthorization Act)

Section 302/304 (extremely hazardous substances):

None of the ingredients is listed.

Section 313 Reportable Ingredients (Chemicals present below reporting threshold are exempt):

None of the ingredients is listed.

SARA Section 312/Tier I & II Hazard Categories:

Health Delayed (chronic)	Yes
Health Immediate (acute)	Yes
Flammable	No
Reactive	No
Pressure	No

North America Chemical Inventory Status

TSCA (Toxic Substances Control Act - United States):

All ingredients are listed or exempt from listing unless otherwise noted below.

CEPA (Canadian DSL):

All ingredients are listed or exempt from listing unless otherwise noted below.

California Proposition 65

Chemicals known to cause cancer:

64742-04-7	Extracts (petroleum), heavy paraffinic distillate solvent
130498-29-2	Polycyclic Aromatic Hydrocarbons

Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed.

Chemicals known to cause reproductive toxicity for males:

None of the ingredients is listed.

Chemicals known to cause developmental toxicity:

None of the ingredients is listed.

WHMIS Classification(s):

D2A - Very toxic material causing other toxic effects



Carcinogenicity Categories

EPA (Environmental Protection Agency)

None of the ingredients is listed.

IARC (International Agency for Research on Cancer) Human Carcinogenicity:

Group 1- Positive, Group 2A- Probable, Group 2B- Possible, Group 3- Not Classifiable

8052-42-4	Asphalt	3
64742-04-7	Extracts (petroleum), heavy paraffinic distillate solvent	1



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9003-55-8	Styrene-butadiene rubber	3
14807-96-6	Talc	3

NTP (National Toxicology Program)

K–Known to be carcinogenic, R–May reasonably be anticipated to be carcinogenic

None of the ingredients is listed.

TLV-ACGIH (THE American Conference of Governmental Industrial Hygienists)

Human Carcinogen - A1 Confirmed, A2 Suspected, A3 Unknown Relevance, A4 Not Classifiable

8052-42-4	Asphalt	A4
14807-96-6	Talc	A4

NIOSH-Cancer (National Institute for Occupational Safety and Health)

8052-42-4	Asphalt	
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OSHA-Cancer (Occupational Safety & Health Administration)

None of the ingredients is listed.

Volatile Organic Compounds (VOC) reported per the Emission Standards for Architectural Coatings:

If no g/L value is provided this product is not subject to above standard.

European EINECS

None of the ingredients is listed.

Philippines Inventory of Chemicals and Chemical Substances PICCS

All ingredients are listed.

Inventory of Existing Chemical Substances manufactured or imported in China IECSC

All ingredients are listed.

Australian Inventory of Chemical Substances AICS

All ingredients are listed.

Japan Existing and New Chemical Substance List ENCS

All ingredients are listed.

Korean Existing Chemical Inventory

All ingredients are listed.


National regulations:

Information about limitation of use:

Workers are not allowed to be exposed to the hazardous carcinogenic materials contained in this preparation. Exceptions can be made by the authorities in certain cases.

Non-hazardous Ingredients

9003-55-8	Styrene-butadiene rubber	
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* **16 Other information**

"The data included herein are presented in accordance with various environment, health and safety regulations. It is the responsibility of a recipient of the data to remain currently informed on chemical hazard information, to design and update its own program and to comply with all national, federal, state and local laws and regulations applicable to safety, occupational health, right-to-know and environmental protection."

Department issuing MSDS:

Other Information: