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1. PRODUCT IDENTIFICATION

TRADE NAME (as labeled): Rayshield Heat Reflective Waterproofing Membrane

MANUFACTURER'S/ DISTRIBUTOR'S NAME: LATICRETE South East Asia Pte Ltd

38 Sungei Kadut,

Street 2 (Level2 A3),

Singapore 729245.

Phone number for additional information: (65) 6515 3028

Date prepared or revised: 08/03/2023

2. <u>COMPOSITION INGREDIENTS</u>

CHEMICAL NAMES	CAS NUMBERS	PERCENT
Acrylic polymer Latex	9063-87-0	40-45
Water	7732-18-5	10-15
Bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate	41556-26-7	1-2
Butadiene acrylate copolymer	9003-55-8;8012-95-1	1
Titanium oxide	13463-67-7	3-5
Calcium carbonate	471-34-1	35-40
Propylene Glycol	57-55-6	2

3. <u>HEALTH HAZARD INFORMATION</u>





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SYMPTOMS OF OVEREXPOSURE for each potential route of exposure. (Possible Longer

Term Effects) : none known.

SIGNS AND SYMPTOMS OF EXPOSURE (Acute effects)

Inhaled : No problem normally anticipated

Contact with skin or eyes : This product may be an eye irritant. It may cause skin irritation

upon prolonged of repeated contact.

Absorbed through skin : Skin absorption is unlikely.

Swallowed : Single dose oral toxicity is believed to be low.

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: Wash off in flowing water or shower.

Inhaled: No adverse effects anticipated.

Swallowed: No adverse effects anticipated by this route of exposure incidental to proper

Industrial handling.

5. FIRE FIGHTING MEASURES

Flash Point method : Non-flammable or combustible

Auto ignition temperature (°C) : N/A

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

Special fire fighting procedures : N/A

Unusual fire and explosion hazards: Closed containers exposed to extreme heat may rapture

due to pressure build up.



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6. <u>ACCIDENTAL RELEASE MEASURES</u>

Spill response procedures (include employee protection measures): Small amount of spilled material may be absorbed onto and appropriate absorbent. Prevent spilled liquid from entering sewers, storm drains and natural waterways. Wear safety glasses and impervious gloves.

Preparing wastes for disposal (container types, neutralization, etc.): Place contaminated absorbed material into metal containers and seal.

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

7. HANDLING AND STORAGE

Should store in area between 4-40°C

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Ventilation and engineering controls

Good general ventilation should be sufficient for

most conditions.

Respiratory protection (type)

No respiratory protection should be needed if good

ventilation is maintained.

Eye protection (type) : Chemical goggles or safety glasses

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

Other clothing and equipment : Wear clean, long-sleeved, body covering

clothing.

Work practices, hygienic practices : Maintain good housekeeping standards.

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 : N/A



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pH : 8-9

Specific gravity : 1.30 – 1.35

Boiling point or range, °C : 100

Solubility in water : Dispersible

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

Vapor pressure, mmHg at 20°C : 23 hPa

Appearance and odor : white, thick liquid, slight odor.

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 : No hazardous reactions are expected to occur under

Incompatibility (materials to avoid) : N/A

Hazardous decomposition

products

(from burning, heating, or reaction with other materials) If

: dried resin is burned, produces a dense black smoke and

noxious gases (carbon monoxide and hydrocarbons).

Hazardous polymerization : Will not occur

Conditions to avoid : N/A

11. TOXICOLOGY INFORMATION

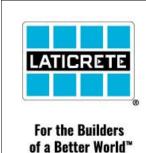
N/A

12. <u>ECOLOGICAL INFORMATION</u>

N/A

13. <u>DISPOSAL CONSIDERATIONS</u>

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



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14. TRANSPORT INFORMATION

No special labeling or transportation placarding is required.

15. REGULATORY INFORMATION

Not classified as dangerous under current regulation

16. OTHER INFORMATION

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