

----- 1. PRODUCT IDENTIFICATION -----

TRADE NAME (as labelled): LATAPOXY Moisture Vapour Reduction Membrane Part A

USE: Used as Epoxy Resin in 2 pack Epoxy coating for concrete substrate

MANUFACTURER'S NAME: LATICRETE PTY LTD
29 Telford Street
Virginia. QLD. 4014

For additional information: 1800331012, 07 38651599

Web address: www.laticrete.com.au

Poisons Information Number: 131126

Date prepared or revised: 02/09/2015

----- 2. HAZARDS IDENTIFICATION -----

Hazard Classification: Classified as hazardous and dangerous goods substance according to NOHSC criteria and ADG code. Not classified as a scheduled poison according to the SUSDP.

Risk Phrases: Xi, Irritant. R36/R38, Irritating to eyes and skin. R51/53 Toxic to aquatic organisms and may have long term adverse effects in the aquatic environment R43. May cause sensitization to skin by contact.

Safety Phrases: S1/2, keep locked up and out of reach of children. S 26, 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 water. S36/37/39 wear suitable protective clothing, gloves and eye/face protection. S61, avoid release to the environment

----- 3. COMPOSITION / INFORMATION ON INGREDIENTS -----

CHEMICAL NAMES	CAS NUMBERS	PERCENT
Reaction product; Bisphenol A- (epichlorhydrin); epoxy resin	25068-38-6	10--30

----- 4. FIRST AID MEASURES -----

FIRST AID or 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: Remove material from skin immediately by washing with soap and plenty of water. Remove contaminated clothing and shoes while washing. Seek medical attention if irritation persists. Wash clothing before reuse. Discard items which cannot be decontaminated, including leather articles such as shoes, belts and watchbands.

Inhaled: If inhaled, remove to fresh air. If effects occur consult a physician

Swallowed: Do not induce vomiting. Call a physician

SYMPTOMS OF OVEREXPOSURE: for each potential route of exposure.

Inhalation: May cause irritation of the respiratory tract.

Ingestion: Causes gastrointestinal irritation and possible burns if swallowed.

Absorbed through Skin: Not likely to absorb through skin in toxic amount in a single prolonged exposure.

Eye or Skin Contact: May cause eye irritation. Corneal injury is unlikely. Vapour may cause eye irritation experienced as mild discomfort and redness. A component in this mixture has caused allergic skin reactions in humans. Contains component(s) which have caused allergic skin sensitization in guinea pigs.

First aid facilities

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

Notes to Physician

Possible aggravated pre-existing conditions – N/A

Note to physicians;

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)

SUSPECTED CANCER AGENT?

☒ NO: This product's ingredients are not found in the list below

Yes: ☐ Federal OSHA ☐ NTP ☐ IARC

----- 5. FIRE FIGHTING MEASURES -----

Flash Point, °C (give method): >118 °C: (PMCC)

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

Special fire fighting procedures: Keep people away. Isolate fire and deny unnecessary entry. Use water spray to cool fire exposed containers and fire affected zone until fire is out and danger of re-ignition has passed. Fight fire from protected location or safe distance. Consider the use of unmanned hose holders or monitor nozzles. Immediately withdraw all personnel from the area in case of rising sound from venting safety device or discoloration of the container. Do not use direct water stream. May spread fire. Move container from fire area if this is possible without hazard. Burning liquids may be moved by flushing with water to protect personnel and minimize property damage. Water fog, applied gently may be used as a blanket for fire extinguishment. Contain fire water run-off if possible, Firewater run-off, if not contained, may cause environmental damage. Review the "Accidental Release Measures" and the "Ecological Information" sections of this MSDS. Wear positive pressure self-contained breathing apparatus.

Unusual fire and explosion hazards: Decomposition & combustion products may be toxic.

----- 6. ACCIDENTAL RELEASE MEASURES -----

Emergency Procedures – Spills and Leaks - Include employee protection measures:

Spill response procedures (include employee protection measures): respirators, safety glasses, and long sleeved clothing; avoid the generation of dust. Contain spilled material if possible. Absorb with materials such as: Sand. Polyethylene fiber products. Polypropylene fibre products. Collect in suitable and properly labelled containers. Remove residual with soap and hot water. Residual can be removed with solvent. Solvents are not recommended for clean-up unless the recommended exposure guidelines and safe handling practices for the specific solvent are followed.

Preparing wastes for disposal (container types, neutralization, etc.): N/A

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

----- 7. HANDLING AND STORAGE -----

Handle with suitable protective clothing and PPEs.

Avoid skin or eye contact.

Suitable Containers

Check all containers are clearly labelled and free from leaks.

Storage Requirement

Store in a cool, dry ventilated place between 1 -35 °C. Protect containers against physical damage and check regularly for leaks. Observe manufacturers storing and handling recommendations.

----- 8. EXPOSURE CONTROLS & PERSONAL PROTECTION -----

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No Occupational Exposure Levels (OEL) have been established or are not listed for this product or not found in our records:

Ventilation and engineering controls: Good room ventilation should be adequate for most operations.

Respiratory protection (type): No respiratory protection is required if good ventilation is maintained. Use respirators fitted with organic vapour filters to AS1715 & AS1716 in areas with high vapour concentrations.

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

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

Other clothing and equipment: Wear clean, long-sleeved, body covering impervious overalls and rubber boots.

Work practices, hygienic practices: Wash at the end of each work shift and before eating, smoking or using the toilet. Launder or discard contaminated clothing. Familiarize the employees with the handling procedures in this section; also encourage prompt removal of contaminated clothing and clearing of contaminated areas. Examine protection equipment for defects and discard if required.

9. PHYSICAL AND CHEMICAL PROPERTIES

Vapour density (air=1): N/A

Melting point or range, °C: N/A

Specific gravity: 1.18-1.27

Boiling point or range, °C: ~100°C

Solubility in water: Miscible with water

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

Vapour pressure, mmHg at 20 °C: N/A

Appearance and odour: thick opaque liquid

10. STABILITY AND REACTIVITY DATA

Stability: X Stable Unstable

Conditions to avoid: Excess heating over long periods of time degrades the resin.

Incompatibility (materials to avoid): Contact with acids, oxidising materials, bases, accidental contact with amines.

Hazardous decomposition products (including combustion products): (from burning, heating or reaction with other material): Incomplete pyrolysis or combustion results in phenolics, carbon monoxide, carbon dioxide and water. Thermal decomposition should be traced as a potentially hazardous substance

Hazardous polymerization: May occur X Will not occur

Conditions to avoid: Masses of more than 0.45kg of product plus an aliphatic amine will cause irreversible polymerization with considerable heat build-up.

11. TOXICOLOGICAL INFORMATION

No adverse effects expected if the product is handled in accordance with this Safety Data Sheet and the label of this product. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Eye: May cause eye irritation. Corneal injury is unlikely.

Skin: Prolonged or repeated contact may cause skin irritation. Skin sensitisation may occur.

Inhaled: Vapours are unlikely due to physical properties.

Swallowed: Harmful effects not anticipated from swallowing small amounts..

12. ECOLOGICAL CONSIDERATIONS

Avoid contaminating waterways and dispose of paint or washings into drains or stormwater

channels. Avoid release to the environment. Material is toxic to aquatic organism.

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

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Dispose of all wastes in accordance with federal, state and local regulations for non-hazardous chemical wastes

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

Labels Required



Miscellaneous
Dangerous Goods



Marine Pollutant

UN Name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE LIQUID, N.O.S. (contains bisphenol A/epichlorohydrin resin, liquid)
UN No.	3082
Packaging Group	III
Hazchem	3Z
Class	9

* The UN 3082 does not apply when transported in packaging or IBC not exceeding 500Lt

Road and Rail Transport:

Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail.

Marine Transport:

Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

Air Transport:

Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

----- 15. REGULATORY INFORMATION-----

Classification: Classified as hazardous according to criteria of NOHSC.

Poisons Schedule: None

A.I.C.S. Status: All components of the finished product are listed on the Australian Inventory of Chemical Substances (AICS).

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

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