



Globally Proven
Construction Solutions

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Safety Data Sheet

1. PRODUCT IDENTIFICATION

TRADE NAME (as labeled): LATAPOXY® 300 Adhesive Part B

CHEMICAL FAMILY: Epoxy Resin

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: 19/07/2017

2. HAZARDOUS INGREDIENTS

CHEMICAL NAMES	CAS NUMBERS	PERCENT	ACGIH TLV	OSHA PEL	OTHER (SPECIFY)
Propane, 2,2-bis[p-(2,3-epoxypropoxy)Phenyl]-, polymers	25085-99-8	64-75	N/A	N/A	N/A
Reaction product: Bisphenol F-(epichlorohydrin); epoxy resin	28064-14-4	14-25	N/A	N/A	N/A
Alkyl(C12-14) glycidyl ether	68609-97-2	9-15	N/A	N/A	N/A

N/A = Not applicable or available

3. HEALTH HAZARD INFORMATION

SYMPTOMS OF OVEREXPOSURE for each potential route of exposure. (Possible Longer Term Effects): None Known



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Information on likely routes of exposure

Ingestion : May cause discomfort if swallowed.

Inhalation : No adverse effects due to inhalation are expected.

Skin contact : Irritating to skin. May cause an allergic skin reaction.

Eye contact : Irritating to eyes.

Symptoms related to the physical, chemical and toxicological characteristics: Rash Irritant effects.

4. FIRST AID: EMERGENCY PROCEDURES

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 if irritation develops and persists.

Skin Contact : Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions.

Inhaled : Move to fresh air. Call a physician if symptoms develop or persist.

Swallowed : Rinse mouth. Get medical attention if symptoms occur.

5. FIRE FIGHTING MEASURES


Suitable extinguishing media : Water fog. Foam. Dry chemical powder. Carbon dioxide (CO₂).

Unsuitable extinguishing media : Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical : During fire, gases hazardous to health may be formed.

Special protective equipment and precautions for firefighters : Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Fire-fighting equipment/instructions : In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.

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General fire hazards : No unusual fire or explosion hazards noted.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Keep unnecessary personnel away. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained.

Methods and materials for containment and cleaning up

Large Spills: Stop the flow of material, if this is without risk. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Environmental precautions : Avoid release to the environment. Contact local authorities in case of spillage to drain/aquatic environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground. Environmental manager must be informed of all releases.

7. HANDLING AND STORAGE

Conditions for safe storage, including any incompatibilities: Keep container tightly closed. Store in a well-ventilated place. Store away from incompatible materials (See Section 10).

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Appropriate engineering controls: Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station.

Respiratory protection (type) : In case of insufficient ventilation, wear suitable respiratory equipment.

Eye/face protection (type) : Wear safety glasses with side shields (or goggles).



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- Gloves (specify material) : Wear appropriate chemical resistant gloves.
- Other clothing and equipment : Wear appropriate chemical resistant clothing.
- Thermal hazards : Wear appropriate thermal protective clothing, when necessary.
- General hygiene considerations : 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: Off-white liquid.
- Physical state: Liquid.
- Form: Viscous liquid.
- Color: Off-white.
- Flash point: Non flammable.
- Relative density: 1.1
- Solubility (water): Insoluble

10. STABILITY AND REACTIVITY

Stability : x Stable _____ Unstable

Conditions to avoid : Excessive heat. Contact with incompatible materials.

Possibility of hazardous reactions : Masses of more than 1 pound of product plus an aliphatic amine will cause irreversible polymerization with considerable heat build up.

Incompatibility (materials to avoid) : Strong oxidizing agents.

Hazardous decomposition products (including combustion products): (from burning, heating, or reaction with other materials). At thermal decomposition temperatures, carbon monoxide and carbon dioxide. Aldehydes.



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11. TOXICOLOGY INFORMATION

Symptoms related to the physical, chemical and toxicological characteristics: Rash. Irritant effects

Information on toxicological effects

Acute toxicity : May cause discomfort if swallowed.

Skin corrosion/irritation : Causes skin irritation.

Serious eye damage/eye irritation : Causes serious eye irritation.

Respiratory or skin sensitization

Respiratory sensitization : No data available.

Skin sensitization : May cause an allergic skin reaction.

Germ cell mutagenicity : Not expected to be mutagenic.

Carcinogenicity : This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

Reproductive toxicity : This product is not expected to cause reproductive or developmental effects.

Chronic effects : Prolonged or repeated contact may cause drying, cracking, or irritation.

12. ECOLOGICAL INFORMATION

Ecotoxicity : Toxic to aquatic life with long lasting effects.

<u>Components</u>	<u>Species</u>	<u>Test Results</u>
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Propane, 2,2-bis[p-(2,3-epoxypropoxy)phenyl]-, polymers (CAS 25085-99-8)

Aquatic

Acute

Algae	IC50	Algae	11 mg/l, 72 hours
Crustacea	EC50	Daphnia	1.8 mg/l, 48 hours
Fish	LC50	Fish	1 - 10 mg/l



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Reaction product: Bisphenol F-(epichlorohydrin); epoxy resin (CAS 28064-14-4)

Aquatic

Acute

Fish LC50 Fish 1 - 10 mg/l

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

DOT

UN number : UN3082

UN proper shipping name : Environmentally hazardous substance, liquid, n.o.s.

(Propane, 2,2-bis[p-(2,3-epoxypropoxy)phenyl]-, polymers, Reaction product: Bisphenol F-(epichlorohydrin); epoxy resin)

Transport hazard Class(es)

Class : 9

Subsidiary risk : -

Packing Group : III

Environmental hazards

Marine pollutant : Yes

Special precautions for user : Read safety instructions, SDS and emergency procedures before handling.

Special provisions : 8, 146, 335, IB3, T4, TP1, TP29

Packaging exceptions : 155

Packaging non bulk : 203

Packaging bulk : 241

IATA

UN number : UN3082



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UN proper shipping name : Environmentally hazardous substance, liquid, n.o.s. (Propane,2,2-bis[p-(2,3-epoxypropoxy) phenyl]-, polymers, Reaction product: Bisphenol F-(epichlorohydrin); epoxy resin)

Transport hazard class(es)

Class :9
Subsidiary risk :-
Label(s) :9

Packing group : III

Environment Hazard : Yes

ERG Code : 9L

Special precautions for user : Read safety instructions, SDS and emergency procedures before handling.

IMDG

UN number : UN3082

UN proper shipping name : Environmentally hazardous substance, liquid, n.o.s. (Propane, 2,2-bis[p-(2,3-epoxypropoxy)phenyl]-, polymers, Reaction product: Bisphenol F-(epichlorohydrin); epoxy resin)

Transport hazard class(es)

Class : 9
Subsidiary risk :-
Label(s) : 9
Packing group : III

Environmental hazards

Marine Pollutant : Yes

EmS : F-A, S-F

Special precautions for user : Read safety instructions, SDS and emergency procedures before handling.



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**Transport in bulk according to
Annex II of MARPOL 73/78 and
the IBC Code**

**: This substance/mixture is not intended
to be transported in bulk.**

15. REGULATORY INFORMATION

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

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories Immediate Hazard – Yes

Delayed Hazard – No

Fire Hazard – No

Pressure Hazard – No

Reactivity Hazard – No

SARA 311/312 Hazardous chemical : Yes

16. REGULATORY INFORMATION

This information is furnished without warranty, representation, inducement or license of any kind; except that it is accurate to the best of our knowledge, or obtained from sources believed by us to be accurate.