



Globally Proven  
Construction Solutions

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# Safety Data Sheet

## 1. PRODUCT IDENTIFICATION

TRADE NAME (as labeled) : MVB (Part A)

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: 27/02/2019

## 2. COMPOSITION INGREDIENTS

Chemical name	CAS number	%
Propane, 2,2-bis[p-(2,3-epoxypropoxy)ph enyl]-, polymers	25085-99-8	60 - 75
Reaction product: Bisphenol F- (epichlorohydrin); epoxy resin	28064-14-4	14 - 24
Alkyl(C12-14) glycidyl ether	68609-97-2	9 - 20
1,4-Bis(2,3- epoxypropoxy)butane	2425-79-8	2 - 10

## 3. HEALTH HAZARD INFORMATION

SYMPTOMS OF OVEREXPOSURE for each potential route of exposure. (Possible Longer Term Effects) : N/A

Inhaled : No adverse effects due to inhalation are expected.

Contact with skin or eyes : Irritating to skin and eyes and cause an allergic skin reaction.

Absorbed through skin : N/A



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Swallow: : May cause discomfort if swallowed

SUSPECTED CANCER AGENT?

NO: This product's ingredients are not found in the lists.

## 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 immediately.
- 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

- Flash Point method : N/A
- Auto ignition temperature, °C : N/A
- Flammable limits in air, volume % : N/A
- Fire extinguishing materials : Water fog. Foam. Dry chemical powder. Carbon dioxide (CO<sub>2</sub>).
- Special fire fighting procedures : Do not use water jet as an extinguisher, as this will spread the fire. In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk. Use water spray to cool unopened containers.



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Unusual fire and explosion hazards : Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

## 6. ACCIDENTAL RELEASE MEASURES

Spill response procedures (include employee protection measures): Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. 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.

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. 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.

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

## 7. HANDLING AND STORAGE

Precautions for safe handling :Do not handle until all safety precautions have been read and understood. Do not breathe mist or vapor. Do not get in eyes, on skin, on clothing. Do not taste or swallow. Avoid contact during pregnancy/while nursing. Use with adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. Keep container tightly closed. Store in a cool and well-ventilated place.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Ventilation and engineering controls	: N/A
Respiratory protection (type)	: A NIOSH approved dust mask if TLV is exceeded
Eye protection (type)	: Chemical goggles or safety glasses
Glove (specify material)	: Use impervious gloves, vinyl or rubber
Other clothing and equipment	: Use appropriate clothing to prevent skin contact. Barrier cream will assist in protecting the skin from contamination



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- Work practices, hygienic practices : Familiarize the employees with the special handling procedures in this section; also encourage prompt removal of contaminated clothing and washing of contaminated areas.
- Other handling and storage requirements : N/A
- Protective measures during maintenance of contaminated equipment : See above

## 9. PHYSICAL AND CHEMICAL PROPERTIES

- Relative density : 1.12
- pH : N/A
- Melting point or range, °C : N/A
- Flash point : >177 °C
- Boiling point or range, °C : N/A
- Solubility in water : Insoluble
- Evaporation rate (butyl acetate = 1) : N/A
- Vapour pressure, mmHg at 21 °C : 0.06 mm Hg
- Appearance and odor : Yellow Mild Liquid

## 10. STABILITY AND REACTIVITY

- Stability : Stable
- Conditions to avoid : Excessive heat. Contact with incompatible materials.
- Hazardous decomposition products (From burning, heating, or reaction with other materials) : At thermal decomposition temperatures, carbon monoxide and carbon dioxide. Aldehydes.



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Hazardous polymerization : Will not occur

## 11. TOXICOLOGY INFORMATION

N/A

## 12. ECOLOGICAL INFORMATION

Components	Species	Test Results
Propane, 2,2-bis[p-(2,3-epoxypropoxy)phenyl]-, polymers (CAS 25085-99-8)		
<b>Aquatic</b>		
<i>Acute</i>		
Algae	IC50	Algae 11 mg/l, 72 hours
Crustacea	EC50	Daphnia 1.8 mg/l, 48 hours
Fish	LC50	Fish 1 - 10 mg/l

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

### **Aquatic**

*Acute*

Fish	LC50	Fish	1 - 10 mg/l
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## 13. DISPOSAL CONSIDERATIONS

**Disposal instructions:** Collect and reclaim or dispose in sealed containers at licensed waste disposal site. This material and its container must be disposed of as hazardous waste. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

**Hazardous waste code:** The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

**Waste from residues / unused products:** 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.



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**Contaminated packaging:** Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

## 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** -

**Label(s)** 9

**Packing group** III

### **Special precautions for user**

Read safety instructions, SDS and emergency procedures before handling.

**Special provisions** 8, 148, 335, IB3, T4, TP1, TP29

**Packaging exceptions** 156

**Packaging non bulk** 203

**Packaging bulk** 241

### IATA

**UN number** UN3028

**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)



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<b>Class</b>	9
<b>Subsidiary risk</b>	-
<b>Label(s)</b>	9
<b>Packing group</b>	III
<b>Environmental hazards</b>	Yes
<b>ERG Code</b>	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)

<b>Class</b>	9
<b>Subsidiary risk</b>	-
<b>Label(s)</b>	9
<b>Packing group</b>	III
<b>Environmental hazards</b>	
<b>Marine pollutant</b>	Yes
<b>EmS</b>	F-A, S-F

## Special precautions for user

Read safety instructions, SDS and emergency procedures before handling.

## Transport in bulk according to

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

## Annex II of MARPOL 73/78 and the IBC Code

## General information



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IATA classification is not relevant as the material is not transported by air

## 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 – Yes  
Fire Hazard- No  
Pressure Hazard- No  
Reactivity Hazard- No

### **SARA 311/312 Hazardous chemical – Yes**

<b>Country(s) or region</b>	<b>Inventory name</b>	<b>On inventory (yes/no)*</b>
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes





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United States & Puerto  
Rico

Toxic Substances Control Act (TSCA)  
Inventory

Yes

\*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

## 16. OTHER 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.