



**Globally Proven
Construction Solutions**

Safety Data Sheet

1. PRODUCT IDENTIFICATION

TRADE NAME (as labeled): SPECTRALOCK® PRO Grout Part B

CHEMICAL FAMILY: Epoxy Resin

MANUFACTURER'S/ DISTRIBUTOR'S NAME: LATICRETE South East Asia Pte Ltd
(Level2, A3)
38 Sungei Kadut, Street 2
Singapore 729245

Phone number for additional information: +(65) 6515 3028

Date prepared or revised: 15/11/2023

2. HAZARDOUS INGREDIENTS

CHEMICAL NAMES	CAS NUMBER	PERCENT*
Oxirane,2,2'[(1methylethylidene)bis(4,1phenyleneoxymethylene)]bis-, homopolymer	25085-99-8	45 - 52
Formaldehyde, polymer with (chloromethyl)oxirane and phenol	9003-36-5	10 - 17
Alkyl (C12-14) glycidyl ether	68609-97-2	7 - 14
Petroleum distillates, hydrotreated light	64742-47-8	0.1 - 1
Alkyl (C12-14) glycidyl ether	25322-68-3	<=0.039
Potassium hydroxide	1310-58-3	0.0225

**Percentages are listed in weight by weight percentage (w/w%) for liquid and solid ingredients. Gas ingredients are listed in volume by volume percentage (v/v%).*



**Globally Proven
Construction Solutions**

Safety Data Sheet

3. HEALTH HAZARD INFORMATION

SYMPTOMS OF OVEREXPOSURE for each potential route of exposure.

Inhaled: May cause irritation of respiratory tract

- | | | |
|---------------------------|---|--|
| Contact with skin or eyes | : | Minor transient irritation for eye contact. No corneal injury likely. May cause allergic skin reaction. Prolonged exposure not likely to cause skin irritation. Skin sensitizer. |
| Absorbed through skin | : | Not likely to absorb through skin in toxic amount in a single prolonged exposure. LD 50 for skin absorption for rabbits = 20,000mg/kg |
| Swallowed | : | Causes gastrointestinal irritation and possible burn if swallowed. |

SUSPECTED CANCER AGENT?

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

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 | : | Remove product and immediately flush affected area with water for at least 15 minutes. Remove contaminated clothing and shoes. Launder contaminated clothing prior to reuse. See a physician if irritation persists. |
| Inhaled | : | Move patient to fresh air. If breathing has stopped or is labored give assisted respiration (e.g. mouth-to-mouth). Supplemental oxygen may be indicated. Prevent aspiration of vomit. Turn victim's head to the side. Seek medical advice. |
| Swallowed | : | If swallowed, call a physician immediately. Do not induce vomiting only. Never give anything by mouth to unconscious person. |



Globally Proven
Construction Solutions

Safety Data Sheet

5. FIRE FIGHTING MEASURES

Flash Point method: Non-flammable

Auto ignition temperature, °F: N/A

Flammable limits in air, volume %: Lower (LEL) _____ Upper (UEL) _____

Fire extinguishing materials:

_____ Water spray x Carbon Dioxide _____ Other:
 X Foam X Dry Chemical

Special fire fighting procedures: Firefighters should wear butyl rubber boots, gloves, and body suit and a self-contained breathing apparatus. If water pollution occurs notify appropriate authorities

Unusual fire and explosion hazards: May generate toxic or irritating combustion products. Sudden reaction and fire may result if product is mixed with an oxidizing agent. May generate toxic nitrogen oxide gases. May generate ammonia gases. Personnel in vicinity and downwind should be evacuated.

6. ACCIDENTAL RELEASE MEASURES

Spill response procedures (include employee protection measures): Wear goggles and face shield. Stop the leak, if possible. Ventilate the space involved. Soak up in absorbent material or scrape up. Residual can be removed with hot water and a nonionic surfactant. Construct a dike to prevent spreading (includes molten liquids until they freeze). Collect run-off water and transfer to drums or tanks for later disposal.

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

Store in cool areas. Excess heating over long periods of time degrades the resin.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Ventilation and engineering controls: Normal



**Globally Proven
 Construction Solutions**

Safety Data Sheet

Respiratory protection (type): NIOSH approved dust masks if exposure limit are exceeded.

Eye protection (type): Safety glasses or goggles

Gloves (specify material): Impervious gloves

Other clothing and equipment: long sleeved clothing

Work practices, hygienic practices: Normal good housekeeping

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, °F: >32

Specific gravity: 1.12g/cc

Boiling point or range, °F: >212

Solubility in water: soluble

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

Vapor pressure, mmHg at 20°C: N/A

VOC: <1%

Appearance and odor: opaque liquid.

HOW TO DETECT THIS SUBSTANCE (warning properties of substance as a gas, vapor, dust, or mist): N/A

10. STABILITY AND REACTIVITY

Stability: x Stable Unstable

Conditions to avoid: Stable at ambient temperatures. Excess heating over long periods of time degrades the resin.

Incompatibility (materials to avoid): Bases

Hazardous decomposition products (including combustion products): (from burning, heating, or reaction with other materials).

Incomplete pyrolysis or combustion results in phenolics, carbon monoxide, carbon dioxide, and water.



**Globally Proven
Construction Solutions**

Safety Data Sheet

Thermal decomposition should be traced as a potentially hazardous substance.

Hazardous polymerization: _____ May occur Will not occur

Conditions to avoid: N/A

11. TOXICOLOGY INFORMATION

Acute Dermal Toxicity (LD50, Rabbit) > 2000mg/kg

12. ECOLOGICAL INFORMATION

N/A

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. (Reaction product: Bisphenol F-(epichlorohydrin); epoxy resin, Propane, 2,2-bis[p-(2,3- epoxypropoxy)phenyl]-, polymers)
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, 146, 335, IB3, T4, TP1, TP29
Packaging exceptions	155
Packaging non bulk	203
Packaging bulk	241

IATA

UN number:	UN3082
UN proper shipping name:	Environmentally hazardous substance, liquid, n.o.s. (Reaction product: Bisphenol F-(epichlorohydrin); epoxy resin, Reaction



**Globally Proven
 Construction Solutions**

Safety Data Sheet

product: Bisphenol F-(epichlorohydrin); epoxy resin)

Transport hazard class(es)

Class: 9

Subsidiary Risk: -

Labels: 9

Packing Group: III

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

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

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



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Construction Solutions**

Safety Data Sheet

15. REGULATORY INFORMATION

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

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.