



Globally Proven
Construction Solutions

Safety Data Sheet

1. PRODUCT IDENTIFICATION

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

CHEMICAL FAMILY: Epoxy Hardener

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: 15/11/2023

2. HAZARDOUS INGREDIENTS

CHEMICAL NAMES	CAS NUMBER	PERCENT*
Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-(2-aminomethylethyl).omega.-(2-aminomethylethoxy)-Tetraethylenepentamine	9046-10-0	2 – 4
Tetraethylenepentamine	112-57-2	1 - 3
2,4,6Tri(dimethylaminomethyl)phenol	90-72-2	< 0.9
Bis[(dimethylamino)methyl]phenol	71074-89-0	< 0.15
1-Methyl-2-pyrrolidone	872-50-4	013 - 0.14
1,2-Propanediol	57-55-6	0.05 - 0.09

*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%).



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3. HEALTH HAZARD INFORMATION

SYMPTOMS OF OVEREXPOSURE for each potential route of exposure. (Possible Longer Term Effects) Repeated and/or prolonged exposures may result in: adverse eye effects (such as conjunctivitis or corneal damage).

Effects from inhalation of vapors may be delayed.

SIGNS AND SYMPTOMS OF EXPOSURE (Acute effects)

Contact with eyes caused severe irritation and pain. Burns of the eye may cause blindness. Inhalation of aerosols of chemically similar material in rats resulted in deaths during administration and in transients central nervous system symptoms, including lethargy, ataxia, tremors, and convulsions.

SUSPECTED CANCER AGENT?

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. Remove stomach contents by gastric suction or induce vomiting only as directed by medical personnel. Never give anything by mouth to unconscious person.

5. FIRE FIGHTING MEASURES



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Flash Point method : 212°F
 Auto ignition temperature, °F : N/A
 Flammable limits in air, volume % : Lower (LEL) _____ Upper (UEL) _____

Fire extinguishing materials:

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

Ignition will give rise to a Class B fire. In case of fire use: Water streams.

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 ammonia gases. Personnel in vicinity and down 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. Reduce vapor spreading with a water spray. Shut off or remove all ignition sources. 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.): Wear goggles and face shield. If recovery is not feasible admix with dry soil, sand or non-reactive absorbent and place in an appropriate chemical waste container. Transfer to containers by suction, preparatory for later disposal. Place in metal containers for recovery or disposal. Flush area with water spray. Clean-up personnel must be equipped with self contained breathing apparatus and butyl rubber protective clothing. For large spills, recover spilled material with a vacuum truck.

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

7. HANDLING AND STORAGE



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Keep away from: acids, oxidizers. Keep in cool, dry, ventilated storage and in closed containers. Product may partially freeze with extended exposure to cold temperatures. Product should be stored at temperatures above 40 degrees F.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Ventilation and engineering controls : Normal ventilation

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 : 1.1g/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: Yellow Liquid with Ammonia Odor

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. Coagulation may occur following freezing, hawing or boiling.



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Incompatibility (materials to avoid) : Mineral acids (i.e., sulfuric, phosphoric, etc.). Organic acids (i.e., acetic acid, citric acid etc.). Oxidizing Agents (i.e., per chlorates, nitrates etc.) Sodium or Calcium Hypochlorite. Product slowly corrodes copper, aluminum, zinc and galvanized surfaces. Reaction with peroxides may result in violent decomposition of peroxide possible creating and explosion. A reaction accompanied by large heat release occurs when the product is mixed with acids. Heat generated may be sufficient to cause vigorous boiling creating a hazard due to splashing or splattering of hot material.

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

Nitrogen oxide can react with water vapors to form corrosive nitric acid (TLV=2ppm). Carbon Monoxide in a fire. Carbon Dioxide in a fire. Ammonia when heated. Nitrogen Oxides in a fire. Irritating and toxic fumes at elevated on decomposition are highly toxic.

Hazardous polymerization : _____ May occur X Will not occur

Conditions to avoid : N/A

11. TOXICOLOGY INFORMATION

Acute Oral Toxicity (LD50, Rat) > 2000mg/kg

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

Sensitization has occurred in laboratory animals after repeated doses

12. ECOLOGICAL INFORMATION

Daphnia Magna EC50 > 10mg/liter after 24 hours

Daphnia Magna EC50> 1.21mg/liter after 48 hours

No biodegradable

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

DOT



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UN number UN3267
 UN proper shipping name Corrosive liquid, basic, organic, n.o.s. (Poly[oxy(methyl-1,2-ethanediy I)], .alpha.-(2-aminomethylethyl)-. omega.-(2-aminomethylethoxy)-, Tetraethylene pentamine)
 Transport hazard class(es) 8
 Subsidiary class(es) -
 Packing group III
 Environmental hazards
 Marine pollutant No
 Special precautions for user: Read safety instructions, SDS and emergency procedures before handling.
 Special provisions IB3, T7, TP1, TP28
 Packaging exceptions 154
 Packaging non bulk 203
 Packaging bulk 241

IATA

UN number: UN3267
 UN proper shipping name: Corrosive liquid, basic, organic, n.o.s. (Poly[oxy(methyl-1,2-ethanediy I)], .alpha.-(2-aminomethylethyl)-. omega.-(2-aminomethylethoxy)-, Tetraethylene pentamine)
 Transport hazard class(es): 8
 Subsidiary class(es): -
 Packaging group: III
 Environmental hazards: No
 Labels required: 8
 ERG Code: 8L
 Special precautions for user: Read safety instructions, SDS and emergency procedures before handling.

IMDG

UN number UN3267
 UN proper shipping name CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (Poly[oxy(methyl-1,2-ethanediy I)], .alpha.-(2-aminomethylethyl)-. omega.-(2-aminomethylethoxy)-, Tetraethylene pentamine)
 Transport hazard class(es): 8
 Subsidiary class(es) -
 Packaging group III
 Environmental hazards
 Marine pollutant No
 Labels required 8
 EmS F-A, S-B
 Special precautions for user: Read safety instructions, SDS and emergency procedures before



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Handling

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

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.