



Globally Proven  
Construction Solutions

# Safety Data Sheet

## 1. PRODUCT IDENTIFICATION

TRADE NAME (as labeled): Guard PA SB 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: 21/08/2016

## 2. COMPOSITION INGREDIENTS

Chemical Names	CAS NUMBERS	Percent
Tetraethyl n,n'-(methylenedicyclohexane-4,1-diyl)bis-dl-aspartate	136210-30-5	57 - 62
Solvent naphtha (petroleum), light aromatic	64742-95-6	30 - 35
Coconut oil	8001-31-8	2 - 3
Aliphatic carboxylic ester	623-91-6	0.6 - 3.5
Limonene	5989-27-5	1 - 2

## 3. HEALTH HAZARD INFORMATION

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

SIGNS AND SYMPTOMS OF EXPOSURE (Acute effects)

Inhaled : May cause drowsiness or dizziness.



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Contact with skin or eyes : Causes skin irritation and may cause eye irritation.

Absorbed through skin : N/A

Swallowed : Ingestion may cause irritation and malaise.

SUSPECTED CANCER AGENT?

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

## 4. FIRST AID: EMERGENCY PROCEDURES

Eye Contact : Flush thoroughly with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Get medical attention immediately.

Skin Contact : Flush thoroughly with water for at least 15 minutes. If skin rash or an allergic skin reaction develops, get medical attention. Get medical attention if irritation develops and persists.

Inhaled : Move into fresh air and keep at rest. If breathing stops, provide artificial respiration. Get medical attention if any discomfort continues.

Swallowed : Immediately rinse mouth and drink plenty of water. Keep person under observation. If person becomes uncomfortable take to hospital along with these instructions. 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 % : LEL: 0.9 % UEL: 6.4 %

Fire extinguishing materials : Extinguish with alcohol-resistant foam, carbon dioxide or dry powder.

Special fire fighting procedures : Do not use a solid water stream as it may scatter and spread fire. In case of fire and/or explosion do not breathe fumes. Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing



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apparatus, protective clothing and face mask. Move containers from fire area if you can do it without risk.

Unusual fire and explosion hazards : During fire, gases hazardous to health may be formed. Solvent vapors may form explosive mixtures with air. The product is flammable, and heating may generate vapors which may form explosive vapor/air mixtures.

## 6. ACCIDENTAL RELEASE MEASURES

Spill response procedures (include employee protection measures) :

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Do not breathe mist or vapor. Avoid contact with skin and eyes. Local authorities should be advised if significant spillages cannot be contained. Stay upwind. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep people away from and upwind of spill/leak. Ventilate closed spaces before entering.

Large Spills: Dike the spilled material, where this is possible. Following product recovery, flush area with water. Cover with plastic sheet to prevent spreading. Absorb spillage with non-combustible, absorbent material.

Small Spills: 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: The product is flammable, and heating may generate vapors which may form explosive vapor/air mixtures. Do not handle or store near an open flame, heat or other sources of ignition. Take precautionary measures against static discharges. Do not smoke. Avoid contact with skin, eyes and clothing. Do not breathe mist or vapor. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Use only in well-ventilated areas. Avoid prolonged exposure. Wash thoroughly after handling. Handle and open container with care.



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Conditions for safe storage: Keep away from heat, sparks and open flame. Store in cool place. Keep in a well-ventilated place. Keep container tightly closed. Keep in an area equipped with sprinklers. Keep this material away from food, drink and animal feed. Use care in handling/storage. Keep away from sources of ignition - No smoking.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

- Ventilation and engineering controls : Explosion proof exhaust ventilation should be used. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Use explosion-proof equipment. Provide easy access to water supply or an emergency shower.
- Respiratory protection (type) : In case of insufficient ventilation, wear suitable respiratory equipment.
- Eye protection (type) : Chemical goggles or safety glasses with side shields. Face shield.
- Gloves (specify material) : Wear protective gloves. Be aware that the liquid may penetrate the gloves. Frequent change is advisable.
- Other clothing and equipment : Wear clean, long-sleeved, body-covering clothing.
- Work practices, hygienic practices : Maintain good housekeeping standards.
- Other handling and storage requirements : N/A
- Protective measures during maintenance of contaminated equipment: See above.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

- Relative density : 0.99
- Melting point or range, °C : N/A



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Boiling point or range, °C	: 137.78 - 185 °C
PH	: N/A
Specific gravity	: N/A
Flash point	: 51.7 °C
Solubility in water	: Insoluble
Vapor density	: 3.99
Vapor pressure	: 3 mm Hg @ 38 °C
Appearance and odor	: Liquid

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

## 10. STABILITY AND REACTIVITY

Stability	: Stable
Conditions to avoid	: Heat, flames and sparks.
Incompatibility (materials to avoid)	: Strong oxidizing agents. Strong acids. Strong bases.
Hazardous decomposition products	: Carbon monoxide. Carbon dioxide. Sulfur oxides. Nitrogen oxides. Hydrocarbons.
Hazardous polymerization	: Will not occur

## 11. TOXICOLOGY INFORMATION

Aspiration hazard	: May be fatal if swallowed and enters airways.
Further information	: Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.

## 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	Toxic to aquatic life with long lasting effects
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Components	Species	Test Results
Solvent naphtha (petroleum), light aromatics (CAS 64742-95-6)		
<b>Aquatic</b>		
Acute		
Crustacea	EL50	Daphnia 4.5 mg/l, 48 hours
Fish	LL50	Oncorhynchus mykiss 10 mg/l, 96 hours

Persistence and degradability	No data is available on the degradability of this product.
Bioaccumulative potential	No data available for this product.
Mobility in soil	Not available.
Mobility in general	The product is insoluble in water

## 13. DISPOSAL CONSIDERATIONS

Dispose in compliance with local, state, and federal regulation

## 14. TRANSPORT INFORMATION

### DOT

UN number	UN1139
UN proper shipping name	Coating solution
Transport hazard class(es)	
Class	3
Subsidiary risk	-
Label(s)	3
Packing group	III
Environmental hazards	
Marine pollutant	Yes
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Special provisions	B1, IB3, T2, TP1
Packaging exceptions	150
Packaging non bulk	203
Packaging bulk	242



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## IATA

<b>UN number</b>	UN1139
<b>UN proper shipping name</b>	Coating solution
<b>Transport hazard class(es)</b>	
<b>Class</b>	3
<b>Subsidiary risk</b>	-
<b>Label(s)</b>	3
<b>Packing group</b>	III
<b>Environmental hazards</b>	Yes
<b>Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.

## IMDG

<b>UN number</b>	UN1139
<b>UN proper shipping name</b>	Coating solution
<b>Transport hazard class(es)</b>	
<b>Class</b>	3
<b>Subsidiary risk</b>	-
<b>Label(s)</b>	3
<b>Packing group</b>	III
<b>Environmental hazards</b>	
<b>Marine pollutant</b>	Yes
<b>EmS</b>	F-E, S-E
<b>Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not available

## General information

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.

All components are on the U.S. EPA TSCA Inventory List.

**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**



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Not regulated.

**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)**

Not listed.

**CERCLA Hazardous Substance List (40 CFR 302.4)**

Not listed.

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**Hazard categories**

Immediate Hazard - Yes

Delayed Hazard – No

Fire Hazard - Yes

Pressure Hazard - No

Reactivity Hazard - No

**SARA 302 Extremely hazardous substance**

Not listed.

**SARA 311/312 Hazardous chemical**

Yes

**SARA 313 (TRI reporting)**

Not regulated.

**Other federal regulations**

**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

Not regulated.

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)**

Not regulated.

**Safe Drinking Water Act (SDWA)** Not regulated.

**US state regulations**

This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm

**US. Massachusetts RTK - Substance List**

Coconut oil (CAS 8001-31-8)

**US. New Jersey Worker and Community Right-to-Know Act**

Coconut oil (CAS 8001-31-8)

Limonene (CAS 5989-27-5)

**US. Pennsylvania Worker and Community Right-to-Know Law**

Coconut oil (CAS 8001-31-8)

**US. Rhode Island RTK**





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Not regulated.

## US. California Proposition 65

Not listed.

### International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	Yes
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)	Yes
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
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.