



Globally Proven  
 Construction Solutions

# Safety Data Sheet

## 1. PRODUCT IDENTIFICATION

TRADE NAME (as labeled): Guard PU WB Part A

CHEMICAL FAMILY: Polyurethane

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: 04/10/2019

## 2. COMPOSITION INGREDIENTS

Substance / Mixture: MIXTURE

Chemical Nature: CHEMICAL PRODUCT FEATURE: This product is a mixture  
 CHEMICAL NATURE: Polyurethane

| COMPOSITION    | CAS NUMBER | INGREDIENT            | DANGER SYMBOLS | RISK/SAFETY PHRASES |
|----------------|------------|-----------------------|----------------|---------------------|
| 50% < C < 100% | -          | Resin<br>Polyurethane | -              | -                   |
| 45% < C < 100% | -          | Mineral load          | -              | -                   |
| 5% < C < 100%  | -          | Additives             | -              | -                   |

## 3. HEALTH HAZARD INFORMATION

Hazard classification of the chemical product : According to ABNT-NBR 14725-4: 2014



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## 4. FIRST AID: EMERGENCY PROCEDURES

|                        |   |
|------------------------|---|
| General Recommendation | : Remove all contaminated clothing immediately  |
| Inhalation             | : Get the person away from the exhibit. Re-establish your breathing. Keep the person warm and quiet. Seek medical attention |
| Contact with skin      | : Wash affected area thoroughly with soap and water. Remove contaminated clothing   |
| Contact with eyes      | : Flush eyes with copious amounts of water for 15 minutes. Get medical attention  |
| Ingestion              | : Don't induce vomit. Seek medical attention immediately  |

## 5. FIRE FIGHTING MEASURES

|  |   |
|--|---|
| Extinguishing Media  | : Carbon dioxide, dry chemical, foam, extinguishing powder and sprayed water  |
| Unsuitable extinguishing agents  | : Direct Water jet  |
| Special hazards arising from the substance or mixture                    | : During the fire, monoxide and carbon dioxide, nitric oxide, and traces of hydrocyanic acid (prussical acid) are formed. In case of fire and/or explosion do not breathe the gases generated |
| Special equipment for the protection of people involved in fire fighting | : Complete protective equipment including autonomous respirators should be used   |



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## 6. ACCIDENTAL RELEASE MEASURES

|  |  |
|--|--|
| Personal precautions                               | : Avoid inhalation of vapors, use the protective measures listed in sections 7 and 8   |
| For emergency service personnel                    | : Wear gloves, safety goggles with side protectors and safety shoes  |
| Environmental precautions                          | : Avoid penetration in water courses, wastewater and soil  |
| Methods and materials for containment and cleaning | : Removal: In large quantities, pump the material, if in small quantities or debris, collect with absorbent material (sand, sawdust or vermiculite), incinerate using specific authorized installation |

## 7. HANDLING AND STORAGE

|                                     |   |
|-------------------------------------|---|
| Caution For safe handling           | : The usual precautionary measures should be observed in the handling of chemical products. Avoid contact with skin and eyes. Keep away from food products. Wash hands before intervals and at the end of the working day. Store work clothes separately. Change contaminated or impregnated clothing |
| Packaging conditions                | : Store the hermetically sealed container in a dry, well-ventilated place   |
| Incompatible products and materials | : Not applicable  |
| Specific end uses                   | : There is no information available   |



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## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

### 8.1 Control Parameters

No indication of the limit values in the workplace according to Directive 2006/121/EC is required.  
The neutralizing agent frees up during processing

| Substance      | N.CAS    | Bases  | Type       | Value               |
|----------------|----------|--------|------------|---------------------|
| Trietanolamina | 102-71-6 | BR OEL | TWA 48HR S | 5 mg/m <sup>3</sup> |

### 8.2 Personal Protection Measures

|                          |  |
|--------------------------|--|
| Eye protection           | Safety goggles with side protection, specific to chemical products |
| Skin and body protection | Protective gloves, closed shoes and long sleeve clothing           |
| Respiratory protection   | Anti-half respirator mask with filter against organic vapors       |
| Hand protection          | Suitable gloves against chemicals                                  |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|  |   |
|--|---|
| Appearance (physical state, shape and color) | : Liquid, color according to the ink        |
| Odor and Odor limit                          | : Characteristic                            |
| Odor limit                                   | : Not determined                            |
| pH   | : Not applicable                            |
| Fluidity point: About                        | : -5 °c to 1,013 hPa                        |
| Boiling point                                | : 97 ° C                                    |
| Flash point                                  | : No flash point until the start of boiling |



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|   |                         |
|---|-------------------------|
| Steam pressure                            | : Not informed          |
| Evaporation rate                          | : Not determined        |
| Flammability (solid, gas)                 | : Not applicable        |
| Vapour density                            | : Not determined        |
| Density                                   | : 1.32g/cm <sup>3</sup> |
| Partition coefficient (n – octanol/water) | : Not determined        |
| Solubility in water                       | : Soluble               |
| Spontaneous self-ignition temperature     | : Not applicable        |
| Self-ignition temperature                 | : About 455 °c          |
| Decomposition temperature                 | : Not determined        |
| Viscosity                                 | : 350-850 cP            |
| Explosive properties                      | : Not determined        |
| Powder explosion class                    | : Not applicable        |
| Oxidant properties                        | : Not determined        |

## **10. STABILITY AND REACTIVITY**

|                                    |  |
|------------------------------------|--|
| Reactivity                         | : Information not available.   |
| Chemical Stability                 | : No thermal decomposition is observed in the case of adequate storage and manipulation. |
| Possibility of hazardous reactions | : Information not available  |
| Conditions to avoid: available     | : Information not available  |
| Incompatible materials             | : Information not available  |



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## 11. TOXICOLOGY INFORMATION

### INFORMATION ACCORDING TO VARIOUS EXPOSURE WAYS ACUTE TOXICITY

|  |   |
|--|---|
| Information on possible exposure route           | : There are no data available on this product itself. |
| Acute toxicity                                   | : No information                                      |
| Acute oral toxicity – product                    |   |
| Acute toxicity-inhalation-product                | : No information                                      |
| Acute toxicity-dermal-product                    | : No information                                      |
| Acute toxicity (other routes of administration)  | : No information                                      |
| Corrosion/irritation or skin                     | : No information                                      |
| Serious eye damage/eye irritation                | : No information                                      |
| Respiratory or skin sensitization                | : No information                                      |
| Germ cell mutagenicity                           | : No information                                      |
| Carcinogenicity                                  | : No information                                      |
| Reproductive toxicity                            | : No information                                      |
| Specific target organ toxicity-single exposure   | : No information                                      |
| Specific target organ toxicity-repeated exposure | : No information                                      |
| Aspiration Hazard                                | : No information                                      |



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## 12. ECOLOGICAL INFORMATION

|                               |   |
|-------------------------------|---|
| Ecotoxicological              | : All measures must be taken in accordance with the requirements of the local environmental organs. Avoid penetration in water courses, wastewater and soil |
| Persistence and degradability | : Not available   |
| Bioaccumulative potential     | : Not available   |
| Mobility to the ground        | : Not available   |
| Other adverse effects         | : Not available   |

## 13. DISPOSAL CONSIDERATIONS

### TREATMENT AND DISPOSAL METHODS:

|                 |   |
|-----------------|---|
| Product         | : Their disposal must comply with the rules provided for in an appropriate installation and indicated for that purpose  |
| Product remains | : Residue must be tested for ignition capacity in order to determine the final disposition form. In case of incineration, incinerate in proven installation. Do not incinerate in closed containers |
| Packing used    | : Do not reuse empty packages; Disposed of in accordance with local, state and federal regulations relating to the environment  |



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## 14. TRANSPORT INFORMATION

ADG7 – Australia

|                              |                     |
|------------------------------|---------------------|
| 14.1 UN number               | Not dangerous goods |
| 14.2 UN proper shipping name | Not dangerous goods |
| 14.3 Transport hazard class  | Not dangerous goods |
| 14.4 Packing Group           | Not dangerous goods |
| 14.5 Environmental hazards   | Not dangerous goods |

IATA

|                              |                     |
|------------------------------|---------------------|
| 14.1 UN Number               | Not dangerous goods |
| 14.2 UN proper shipping name | Not dangerous goods |
| 14.3 Transport hazard class  | Not dangerous goods |
| 14.4 Packing group           | Not dangerous goods |
| 14.5 Environmental hazards   | Not dangerous goods |

IMDG

|                              |                     |
|------------------------------|---------------------|
| 14.1 UN number               | Not dangerous goods |
| 14.2 UN Proper Shipping name | Not dangerous goods |
| 14.3 Transport Hazard Class  | Not dangerous goods |
| 14.4 Packing Group           | Not dangerous goods |
| 14.5 Environmental Hazards   | Not dangerous goods |





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## 15. REGULATORY INFORMATION

This FISPQ (Chemical Safety Data sheet) was generated in accordance with the criteria of the Standard ABNT NBR 14725-4:2014

Regulations

Federal Decree No. 2,657, of July 3, 1998

Specific to the chemical

Norma ABNT NBR 14725-4:2014

Decree No. 7,404, of December 23, 2010

Ordinance No. 229, of May 24, 2011- Amends the Standard Regulator No. 26

## 16. OTHER INFORMATION

Information on risks and safety, as written on the label: non-flammable product.