



**Globally Proven
 Construction Solutions**

Safety Data Sheet

1. PRODUCT IDENTIFICATION

TRADE NAME (as labeled): Clear PU 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: 13/09/2019

2. COMPOSITION INGREDIENTS

Chemical Names	CAS NUMBERS	Percent
Resin Polyurethane	25068-38-6	50-100
Xylene	100-51-6	0.01-100

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)

Flammable liquids : Category 3 (H226)
 Skin Irritation : Category 2 (H315)
 Eye Irritation : Category 2 (H319)
 Specific target organ toxicity
 (Repeated exposure) : Category 2 (H373)



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HAZARD PICTOGRAMS:



4. FIRST AID: EMERGENCY PROCEDURES

Eye Contact	: Flush eyes with copious amounts of water for 15 minutes. Get medical attention
Skin Contact	: Wash effected area thoroughly with soap and water. Remove Contaminated clothing
Inhaled	: Keep the person away from exposure. Rest your breathing. Keep the Person warm and still. Seek medical attention
Ingestion	: Do not induce vomiting. Seek immediate medical attention
Most important symptoms and effects, both acute and delayed	: Redness and itching or burning sensation may indicate excessive exposure of the eyes and skin
Notes to physician	: Product based on polyurethane

5. FIRE FIGHTING MEASURES

Extinguishing media	: Carbon dioxide, dry chemical, form and water spray
Unsuitable extinguishing media	: Sprinkling with water may be inefficient, if water is Used, spray nozzles are preferred
Specific methods of extinguishing	: Water may be used to cool closed containers to Prevent pressure build – up and possible auto- Ignition or explosion when exposed to



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extreme heat

Special protective equipment for Fire-fighters : Complete protective equipment including autonomic respiratory masks should be used

6. ACCIDENTAL RELEASE MEASURES

For staff who are not part of the Emergency services : Isolate the location and place warning signs to Avoid stepping on the spot and run the risk of an Accident

For emergency service personnel : Wear gloves, safety glasses with side protection And safety shoes

Personal precautions, protective Equipment and emergency Procedures : Avoid inhalation of vapors. Refer to protective measures listed in sections 7 & 8. Keep away from sources of ignition. Do not smoke. The Product emits vapors, keep the environment Ventilated. Avoid direct contact with skin, mucous Membranes and eyes

Environmental precautions : To stop spills, use inert absorbent materials. Avoid Contamination of soil, sewers, sewage systems and Water bodies

Methods and materials for Containment and cleaning : Removal: in bulk, pumping the material in small quantities or debris collected with absorbent material (sand, absorbent acids, universal absorbent, sawdust, Vermiculite) incinerate using specific authorized Installation

7. HANDLING AND STORAGE

Precautions for safe handling : Keep away from heat and open flame. Ensure good Ventilation and exhaustion of the site. Store at room Temperature (25°C). Store



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away from moisture. Protect From light. Use PPE's listed in section 8. Keep container Closed when not in use. Keep out of reach of pets and Children

Hygiene measures

: Do not eat, drink or smoke during work

Conditions for packaging

: Store in the original package tightly closed, in a Ventilated environment, covered, away from sources Of heat, food, at room temperature and observing the Criteria of chemical compatibility. Avoid exposure to heat and direct sunlight

Materials for packaging

: Safe packaging materials: Original product packaging (Container with a lid to contain liquids, to transport Observing section 14)

Incompatible products and materials

Not applicable

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1 Control Parameters

OCCUPATIONAL EXPOSURE LIMITS

Acrylic Resin hydroxylated

: ACGIH TLV Not Available

OSHA PEL Not Available

Xylol

: ACGIH TLV - TWA: 100 ppm

ACGIH TLV - STEL: 150 ppm

Recommended procedures for monitoring

: Adopt national and/ or international procedures regulatory norm number 15 of the ministry of labor. FUNDACENTRO work



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hygiene standards, NIOSH, Procedures or ACGIH procedures, follow methodology According to OSHA standard

8.2 Personal Protection Measures

Eye protection	: Safety glasses with side-shields
Skin and body protection	: Protective gloves, closed shoes and long sleeve Clothing
Breath protection	: Semi-facial mask with filter against organic vapors
Hands protection	: Suitable gloves against chemicals

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance (Physical state, shape and color)	: Liquid, colorless
Odor and Odor Threshold	: Characteristic
PH	: Not applicable
Specific Gravity	: 1.25 g/cm ³
Boiling point	: 137-143 °C
Flash Point	: 32 °C
Evaporation Rate	: Not available
Lower / upper flammability or explosive limits	: Lower: 1% / Upper: 7%
Vapor pressure	: < 0.8 kPa



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Vapor Density	: 3.7 - 25 °C
Relative density	: Not available
Density	: Not available
Solubility	: Not available
Partition coefficient: n- octanol / water	: Not available
Auto-ignition temperature	: 464°C
Thermal decomposition temperature	: Not available
Viscosity	: Not available

10. STABILITY AND REACTIVITY

Stability	: The product is stable under normal storage and handing Conditions. No hazardous reactions if used normally
Possibility of hazardous reactions	: Discharge of static electricity, base and strong acids
Conditions to avoid	: Exposure to heat and sources of ignition
Incompatible materials	: None known
Hazardous decomposition products	: By fire: carbon dioxide, carbon monoxide. Hazardous Polymerization will not occur

11. TOXICOLOGY INFORMATION

Information on possible routes Of exposure	: No data is available on the product itself
Acute oral toxicity	: No information



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Acute toxicity - Inhalation – Product	: No information
Acute Toxicity - Dermal – Product	: No information
Acute toxicity	: No information
Skin corrosion / irritation	: 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

12. ECOLOGICAL INFORMATION

Ecotoxicological	: All measures must be taken in compliance with the requirements of local environmental bodies. Material insoluble in water
Persistence and Degradability	: No information
Bioaccumulative potential	: No information
Mobility to the ground	: No information
Other adverse effects	: No information



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13. DISPOSAL CONSIDERATIONS

Product	: They must be disposed of in accordance with the rules Laid down for an appropriate installation and indicated For this purpose
Waste	: Residue shall be tested for ignition capacity in order to Determine final disposal form. In case of incineration, Incineration in approval installation. Do not incinerate in Closed containers
Contaminated packaging	: Do not reuse empty containers, recyclable steel, Disposal in accordance with local, state and federal Environmental regulations

14. TRANSPORT INFORMATION

TERRESTRIAL	: Decree 96044/88 and Resolution ANTT 420/04
UN number	: 1263
Proper shipping name	: Paint (including paints, lacquers, enamels, dyes, gum- lacquers, varnishes, polishes, liquid fillers and liquid lacquers)
Risk class	: 3
Number of Hazard	: 30
Packing group	: III



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15. REGULATORY INFORMATION

Certified by Ministry Regulation according to EEC Directive : - Symbols: Xi – Irritant/ N – Threat to the Environment/ Xn – Harmful

Risk Phrases : R10 – Flammable

R20 / 21 - Harmful by inhalation and skin contact

R36 / 37/38 - Irritating to eyes, respiratory system and Skin

R43 - May cause sensitization by skin contact

R51 / 53 - Toxic to aquatic organisms. Can generate fatal long term effects in the aquatic environment

Security Phrases : S25 - Avoid contact with eyes

: S28 - After contact with skin wash the area immediately and abundantly with soap and water

: S37 / 39 - Wear suitable gloves and eye / face protection

S61 - Avoid release to the environment. Refer to special instructions / safety data sheet

It contains : Polyurethane Resin

16. OTHER INFORMATION

The information in this MSDS relates to this product as currently formulated and is based on the information available to date. Addition of reducers or other additives to this product may substantially alter the composition and risks of the product, which is beyond the control of the manufacturer.



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MSDS - Safety Data Sheet for chemicals.

ACGIH - Association of Industrial Hygienists.

OSHAS - the Ministry of Labor Organization - USA.

ACGIH - US standard that meets the NR-15 in Brazil.

TLV - The substance tolerance limit.

STEL - Limit for short exposure (15 minutes).

PEL - Limit total substance tolerance.