



For the Builders  
of a Better World™

Form

Rev: A  
Page: 1 of 10  
Date: 13/09/2024

# 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: 13/09/2024

## 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)



For the Builders  
of a Better World™

Form

Rev: A

Page: 2 of 10

Date: 13/09/2024

# Safety Data Sheet

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



For the Builders  
of a Better World™

Form

Rev: A  
Page: 3 of 10  
Date: 13/09/2024

# Safety Data Sheet

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



For the Builders  
of a Better World™

Form

Rev: A  
Page: 4 of 10  
Date: 13/09/2024

# Safety Data Sheet

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



For the Builders  
of a Better World™

Form

Rev: A

Page: 5 of 10

Date: 13/09/2024

# Safety Data Sheet

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 <sup>3</sup>
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



**For the Builders  
of a Better World™**

Form

Rev: A  
Page: 6 of 10  
Date: 13/09/2024

# Safety Data Sheet

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



**For the Builders  
of a Better World™**

Form

Rev: A

Page: 7 of 10


Date: 13/09/2024

# Safety Data Sheet

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

 <p><b>For the Builders of a Better World™</b></p>	Form	Rev: A
	<h1>Safety Data Sheet</h1>	Page: 8 of 10
		Date: 13/09/2024

### 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





For the Builders  
of a Better World™

Form

Rev: A  
Page: 9 of 10  
Date: 13/09/2024

# Safety Data Sheet

## 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.

 <p data-bbox="159 342 368 405"><b>For the Builders of a Better World™</b></p>	<p data-bbox="1154 100 1240 132">Form</p> <h1 data-bbox="565 262 1105 325">Safety Data Sheet</h1>	<p data-bbox="1265 140 1349 168">Rev: A</p> <p data-bbox="1265 186 1442 214">Page: 10 of 10</p> <p data-bbox="1265 243 1471 270">Date: 13/09/2024</p>
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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.