

**Safety Data Sheet  
in accordance with HSNO**

Date of issue: 27.11.2025

Version Number: 1.0

Revision Date: 27.11.2025

**1 Identification of the substance or mixture and of the supplier**

**Other means of identification**

**Trade name:** *Silcor LM PU Sealant Grey*

**Relevant identified uses of the substance or mixture, and uses advised against:**  
No further relevant information available.

**Relevant identified uses of the substance or mixture:** Waterproofing

**Identified uses advised against:** No further relevant information available.

**Details of the supplier of the safety data sheet:**

**Manufacturer/supplier:**

GCP Australia Pty. Ltd.  
14 Colebard Street West  
Archerfield, Queensland 4108  
Australia

Tel: 1800 334 444  
Fax: +61 7-3275-7801

**Further information obtainable from:** APMSDS@gcpat.com

**Emergency telephone number:**

CHEMWATCH - 00 800 2436 2255 (free call)  
National Poison Centre - 0800 764-766 (0800 POISON)

**2 Hazards identification**

**Classification of the substance or mixture:**

Acute oral toxicity Category 4	H302 Harmful if swallowed.
Skin irritation Category 2	H315 Causes skin irritation.
Eye irritation Category 2	H319 Causes serious eye irritation.
Respiratory sensitisation Category 1	H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Skin sensitisation Category 1	H317 May cause an allergic skin reaction.
Carcinogenicity – Category 2	H351 Suspected of causing cancer. Route of exposure: Inhalation.
Specific target organ toxicity - single exposure Category 3	H335 May cause respiratory irritation.
Specific target organ toxicity - repeated exposure Category 2	H373 May cause damage to the hearing organs through prolonged or repeated exposure.

**Label elements:**

**GHS label elements** The product is classified and labelled according to the Globally Harmonized System (GHS).

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## Hazard pictograms



GHS07 GHS08

## Signal word Danger

### Hazard-determining components of labelling:

poly[oxy(methyl-1,2-ethanediyl)], α-hydro-ω-hydroxy-, polymer with 1,3-diisocyanatomethylbenzene  
Titanium dioxide  
Ethylbenzene

### Hazard statements

Harmful if swallowed.  
Causes skin irritation.  
Causes serious eye irritation.  
May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
May cause an allergic skin reaction.  
Suspected of causing cancer. Route of exposure: Inhalation.  
May cause respiratory irritation.  
May cause damage to the hearing organs through prolonged or repeated exposure.

### Precautionary statements

Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
Do not breathe dust/fume/gas/mist/vapours/spray.  
Avoid breathing dust/fume/gas/mist/vapours/spray.  
Wash thoroughly after handling.  
Do not eat, drink or smoke when using this product.  
Use only outdoors or in a well-ventilated area.  
Contaminated work clothing should not be allowed out of the workplace.  
Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.  
[In case of inadequate ventilation] wear respiratory protection.  
IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.  
IF ON SKIN: Wash with plenty of water.  
IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
IF exposed or concerned: Get medical advice/attention.  
Get medical advice/attention if you feel unwell.  
Rinse mouth.  
If skin irritation or rash occurs: Get medical advice/attention.  
If eye irritation persists: Get medical advice/attention.  
If experiencing respiratory symptoms: Call a POISON CENTER/doctor.  
Take off contaminated clothing and wash it before reuse.  
Store in a well-ventilated place. Keep container tightly closed.  
Store locked up.  
Dispose of contents/container in accordance with local/regional/national/international regulations.

### Information concerning particular hazards for human and environment:

#### Description of Classification:

Classified as Hazardous Substance according to the criteria of the New Zealand Hazardous Substance New Organisms legislation.

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**HSNO Group Standard :** Construction Products (Subsidiary Hazard) Group Standard 2017

**HSNO Approval Number :** HSR002544

**Other hazards:**

**Results of PBT and vPvB assessment:**

**PBT:** Not applicable.

**vPvB:** Not applicable.

### 3 Composition/Information on ingredients

**Chemical characterization: Mixture:**

**Description:** Mixture of substances listed below with non-hazardous additions.

**Dangerous components:**

9057-91-4	poly[oxy(methyl-1,2-ethanediyl)], α-hydro-ω-hydroxy-, polymer with 1,3-diisocyanatomethylbenzene Respiratory sensitisation Category 1, H334 Acute oral toxicity Category 4, H302; Skin irritation Category 2, H315; Eye irritation Category 2, H319; Skin sensitisation Category 1, H317; Specific target organ toxicity - single exposure Category 3, H335	30-<50%
6422-86-2	bis(2-ethylhexyl)-1,4-benzenedicarboxylate Hazardous to the aquatic environment chronic Category 4, H413	10-<20%
100-41-4	Ethylbenzene Flammable liquids Category 2, H225 Specific target organ toxicity - repeated exposure Category 2, H373; Aspiration hazard Category 1, H304 Acute inhalation toxicity Category 4, H332; Skin irritation Category 2, H315 Hazardous to the aquatic environment chronic Category 3, H412	1-<3%
13463-67-7	Titanium dioxide Carcinogenicity – Category 2, H351	1-<3%

### 4 First aid measures

**General information:** Get medical advice/attention if you feel unwell.

**After inhalation:**

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

IF INHALED: Call a doctor if you feel unwell.

**After skin contact:** Wash with plenty of soap and water.

**After eye contact:**

Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation occurs, consult a doctor.

**After swallowing:**

Rinse mouth.

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Do NOT induce vomiting.

Call for a doctor immediately.

### Information for doctor:

#### Most important symptoms and effects, both acute and delayed:

Dizziness

May cause sensitisation by skin contact.

Harmful if swallowed.

Irritating to eyes.

#### Indication of any immediate medical attention and special treatment needed:

If skin irritation occurs: Get medical advice/attention.

## 5 Fire fighting measures

**Suitable extinguishing agents:** CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray.

#### Special hazards arising from the substance or mixture:

During heating or in case of fire poisonous gases are produced.

CO, CO<sub>2</sub>.

**Protective equipment:** Wear self-contained respiratory protective device.

#### Additional information:

Collect contaminated fire fighting water separately. It must not enter the sewage system.

## 6 Accidental release measures

#### Personal precautions, protective equipment and emergency procedures:

Ensure adequate ventilation.

Wear protective equipment. Keep unprotected persons away.

#### Environmental precautions:

Inform respective authorities in case of seepage into water course or sewage system.

#### Methods and material for containment and cleaning up:

Send for recovery or disposal in suitable receptacles.

#### Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

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## 7 Handling and storage

### HANDLING

**Precautions for safe handling:**

- Prevent formation of aerosols.
- Do not eat, drink or smoke when using this product.
- Store in a well-ventilated place. Keep container tightly closed.
- Keep only in original packaging.
- Use only outdoors or in a well-ventilated area.

**Information about fire - and explosion protection:** No special measures required.

### STORAGE

**Requirements to be met by storerooms and receptacles:** No special requirements.

**Information about storage in one common storage facility:** Keep respiratory protective device available.

**Further information about storage conditions:**

- Keep container tightly sealed.
- Protect from frost.
- Store in a dry place.
- Keep cool.

**Specific end use(s):** No further relevant information available.

## 8 Exposure controls/personal protection

**Appropriate engineering controls** No further data; see section 7.

**Ingredients with limit values that require monitoring at the workplace:**

**100-41-4 Ethylbenzene**

WES (New Zealand)	Short-term value: 176 mg/m <sup>3</sup> , 40 ppm Long-term value: 88 mg/m <sup>3</sup> , 20 ppm skin, oto
WES (Australia)	Short-term value: 543 mg/m <sup>3</sup> , 125 ppm Long-term value: 434 mg/m <sup>3</sup> , 100 ppm
WEL (Great Britain)	Short-term value: 552 mg/m <sup>3</sup> , 125 ppm Long-term value: 441 mg/m <sup>3</sup> , 100 ppm Sk

**13463-67-7 Titanium dioxide**

WES (New Zealand)	Long-term value: 2.5* 0.2** mg/m <sup>3</sup> *respirable dust, **ultrafine fraction
WES (Australia)	Long-term value: 10 mg/m <sup>3</sup> inhalable dust
WEL (Great Britain)	Long-term value: 10* 4** mg/m <sup>3</sup> *total inhalable **respirable

**Additional information:** Based on the lists valid at the date of SDS creation.

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### PERSONAL PROTECTIVE EQUIPMENT

#### General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

#### Respiratory protection:

Control exposure to ingredients with workplace control parameters if mentioned above. If no ingredients are listed, respiratory protection is generally not required.

If exposure limits are listed and may be exceeded, use approved respiratory protective equipment and filter type appropriate for the listed ingredients. (NIOSH, CEN, etc.).

**Protection of hands:** Protective gloves.

**Material of gloves:** Rubber gloves.

#### Penetration time of glove material:

The exact breakthrough time has to be determined by the manufacturer of the protective gloves and has to be observed.

#### Eye protection:



Safety glasses with side shield protection.

#### Body protection:

Use personal protective equipment as required.

Take off contaminated clothing.

## 9 Physical and chemical properties

### GENERAL INFORMATION

**Appearance:**

**Form:**

Paste.

**Colour:**

Coloured

**Odour:**

Slight Musty

**Odour threshold:**

Not determined.

**pH-value (~):**

Not determined.

**Change in conditions:-**

**Melting point/Melting range:**

Undetermined.

**Initial boiling point and boiling range:**

Not determined.

**Flash point:**

Not applicable.

**Flammability**

Not applicable.

**Auto-ignition temperature:**

Not determined.

**Decomposition temperature:**

Not determined.

**Ignition temperature:**

Not determined.

**Explosive properties:**

Product does not present an explosion hazard.

**Lower:**

Not determined.

**Upper:**

Not determined.

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<b>Vapour pressure:</b>	Not determined.
<b>Density at 20 °C:</b>	1.4 g/cm <sup>3</sup>
<b>Vapour density:</b>	Not determined.
<b>Evaporation rate:</b>	Not determined.
<b>Solubility in/Miscibility with:-</b>	
<b>Water:</b>	Insoluble.
<b>Partition coefficient: n-octanol/water:</b>	Not determined.
<b>VISCOSITY</b>	
<b>Dynamic:</b>	Not determined.
<b>Kinematic:</b>	Not determined.

<b>Other information:</b>	Residual TDI - < 0.1%
<b>Particle characteristics</b>	Not applicable.
<b>Physical state</b>	Liquid

### 10 Stability and reactivity

#### Reactivity:

Stable under normal conditions.  
No further relevant information available.

#### Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

#### Possibility of hazardous reactions

May vent and release flammable gas at high temperature.  
May explode when exposed to high temperature or heated.

#### Conditions to avoid:

Avoid contact with incompatible materials and condition.  
Avoid accumulation of electrostatic charges, Heating, Flames and hot surfaces.  
Avoid heat, sparks, open flames and other ignition sources.

**Incompatible materials:** Flammable materials, Reducing agents.

#### Hazardous decomposition products:

Carbon monoxide and carbon dioxide  
May emit flammable vapour, fume, hazardous gas if involved in fire.

### 11 Toxicological information

#### Information on toxicological effects:

**ACUTE TOXICITY** Harmful if swallowed.

#### LD/LC50 values relevant for classification:

##### 100-41-4 Ethylbenzene

Dermal	LD50	3,500 mg/kg (rat)
	LD50	17,800 mg/kg (rabbit)

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### 13463-67-7 Titanium dioxide

Oral	LD50	>5,000 mg/kg (rat)
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#### Primary irritant effect

**Skin corrosion/irritation** Causes skin irritation.

**Serious eye damage/irritation** Causes serious eye irritation.

**Ingestion:** Harmful if swallowed.

#### Respiratory or skin sensitisation

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

May cause an allergic skin reaction.

**Germ cell mutagenicity** Based on available data, the classification criteria are not met.

**Carcinogenicity** Suspected of causing cancer. Route of exposure: Inhalation.

**Reproductive toxicity** Based on available data, the classification criteria are not met.

**STOT-single exposure** May cause respiratory irritation.

**STOT-repeated exposure** May cause damage to the hearing organs through prolonged or repeated exposure.

**Aspiration hazard** Based on available data, the classification criteria are not met.

## 12 Ecological information

#### Toxicity:

**AQUATIC TOXICITY** No further relevant information available.

**Persistence and degradability:** No further relevant information available.

#### BEHAVIOUR IN ENVIRONMENTAL SYSTEMS

**Bioaccumulative potential:** No further relevant information available.

**Mobility in soil:** No further relevant information available.

#### ADDITIONAL ECOLOGICAL INFORMATION

**General notes:** Not known to be hazardous to water.

#### Results of PBT and vPvB assessment:

**PBT:** Not applicable.

**vPvB:** Not applicable.

## 13 Disposal considerations

#### Waste treatment methods:

##### Recommendation:



Must not be disposed together with household garbage. Do not allow product to reach sewage system.

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**UNCLEANED PACKAGING**

**Recommendation:** Disposal must be made according to official regulations.

**14 Transport information**

<b>UN-Number</b> NZS, IMDG, IATA	Not Regulated
<b>UN proper shipping name</b> NZS, IMDG, IATA	Not Regulated
<b>Transport hazard class(es)</b> NZS, ADN, IMDG, IATA Class	Not Regulated
<b>Packing group</b> NZS, IMDG, IATA	Not Regulated
<b>Environmental hazards:</b>	Not applicable.
<b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:</b>	Not Regulated

**15 Regulatory information**

**Safety, health and environmental regulations/legislation specific for the substance or mixture:**

**HSNO Group Standard** Construction Products (Subsidiary Hazard) Group Standard 2017

**HSNO Approval Number** HSR002544

<b>HSNO Approval numbers</b>	
100-41-4   Ethylbenzene	HSR001151

**Registered in the international inventory lists:** NZIoC (New Zealand)

**Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

**16 Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**Department issuing SDS:**

EHS Department,  
Asia Pacific Region  
GCP Applied Technologies Operations Center, Inc.,  
CTP Asean Tower, Upper Penthouse, Unit 1,  
2397 Asean Drive, Spectrum District, Filinvest Alabang, 1781,  
Muntinlupa City, Philippines

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Tel: + 63 2 8271 2300

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**The first date of preparation:** 14.12.2022**Number of revision times and the latest revision date:** 1.0 / 27.11.2025**Sources:**

Raw material suppliers' safety data sheets were used as key data sources in the preparation of this safety data sheet.

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