

Safety Data Sheet according to WHS Regulations

Date of issue: 28.11.2025

Version Number: 1.0

Revision Date: 28.11.2025

1 Identification

Other means of identification

Trade name: **SILCOR 575 HB**

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: After hours - Tel. No. 1800 039 008

2 Hazard(s) Identification

Classification of the substance or mixture:

Flammable liquids – Category 4

H227 Combustible liquid.

Skin corrosion/irritation – Category 2

H315 Causes skin irritation.

Eye damage/irritation – Category 2A

H319 Causes serious eye irritation.

Specific target organ toxicity (single exposure) – Category 3H335 May cause respiratory irritation.

Aspiration hazard – Category 1

H304 May be fatal if swallowed and enters airways.

Label elements:

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

Hazard pictograms



GHS07 GHS08

Signal word Danger

Hazard-determining components of labelling:

Xylene (mixture of isomers) (5-<10 %)

Ethylbenzene (5-<10 %)

Safety Data Sheet

according to WHS Regulations

Date of issue: 28.11.2025

Version Number: 1.0

Revision Date: 28.11.2025

Trade name: SILCOR 575 HB

(Contd. of page 1)

Hazard statements

Combustible liquid.
 Causes skin irritation.
 Causes serious eye irritation.
 May cause respiratory irritation.
 May be fatal if swallowed and enters airways.

Precautionary statements

Keep away from heat/sparks/open flames/hot surfaces. No smoking.
 Avoid breathing dust/fume/gas/mist/vapours/spray.
 Wash thoroughly after handling.
 Use only outdoors or in a well-ventilated area.
 Wear protective gloves/protective clothing/eye protection/face protection.
 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
 IF ON SKIN: Wash with plenty of water.
 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
 Continue rinsing.
 Call a POISON CENTER/doctor if you feel unwell.
 Do NOT induce vomiting.
 If skin irritation occurs: Get medical advice/attention.
 If eye irritation persists: Get medical advice/attention.
 Take off contaminated clothing and wash it before reuse.
 In case of fire: Use CO₂, powder or water spray to extinguish.
 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 according to the criteria of Safe Work Australia.

Other hazards:
Results of PBT and vPvB assessment:

PBT: Not applicable.
vPvB: Not applicable.

3 Composition and Information on Ingredients

Chemical characterization: Mixture:

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

Dangerous components:

57451-08-8	Polyisocyanate prepolymer	30-<50%
	Skin corrosion/irritation – Category 2, H315; Eye damage/irritation – Category 2A, H319	
28553-12-0	Diisononyl phthalate	5-<10%

(Contd. on page 3)

AU

Safety Data Sheet according to WHS Regulations

Date of issue: 28.11.2025

Version Number: 1.0

Revision Date: 28.11.2025

Trade name: SILCOR 575 HB

		(Contd. of page 2)
100-41-4	Ethylbenzene Flammable liquids – Category 2, H225 Specific target organ toxicity (repeated exposure) – Category 2, H373; Aspiration hazard – Category 1, H304 Acute toxicity - inhalation – Category 4, H332; Skin corrosion/irritation – Category 2, H315; Eye damage/irritation – Category 2A, H319	5-<10%
1330-20-7	Xylene (mixture of isomers) Flammable liquids – Category 3, H226 Aspiration hazard – Category 1, H304 Acute toxicity - dermal – Category 4, H312; Acute toxicity - inhalation – Category 4, H332; Skin corrosion/irritation – Category 2, H315; Specific target organ toxicity (single exposure) – Category 3, H335-H336	5-<10%

Additional information:

Ingredients determined not to be hazardous are present in concentrations that do not exceed the relevant cut-off concentrations as found from NOHSC publication 'List of Designated Hazardous Substances' or have been found NOT to meet the criteria of a hazardous substance as defined in the NOHSC publication 'Approved Criteria for Classifying Hazardous Substances'.

4 First Aid Measures

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

After inhalation:

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

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

After eye contact: Rinse cautiously with water for several minutes.

After swallowing:

Rinse mouth.

Do NOT induce vomiting.

Information for doctor:

Most important symptoms and effects, both acute and delayed:

Harmful: may cause lung damage if swallowed.

Irritating to eyes.

Indication of any immediate medical attention and special treatment needed:

No further relevant information available.

5 Fire Fighting Measures

Suitable extinguishing agents:

CO₂, extinguishing powder or water spray. Fight larger fire with alcohol resistant foam.

For safety reasons unsuitable extinguishing agents: Water jet.

Special hazards arising from the substance or mixture: No further relevant information available.

(Contd. on page 4)

Safety Data Sheet according to WHS Regulations

Date of issue: 28.11.2025

Version Number: 1.0

Revision Date: 28.11.2025

Trade name: *SILCOR 575 HB*

(Contd. of page 3)

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.

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 container.

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: No special measures required.

Further information about storage conditions:

Keep container tightly sealed.

Protect from frost.

Store in a dry place.

Keep cool.

(Contd. on page 5)

AU

Safety Data Sheet

according to WHS Regulations

Date of issue: 28.11.2025

Version Number: 1.0

Revision Date: 28.11.2025

Trade name: SILCOR 575 HB

(Contd. of page 4)

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

8 Exposure controls and personal protection

Appropriate engineering controls No further data; see section 7.

Ingredients with limit values that require monitoring at the workplace:
28553-12-0 Diisononyl phthalate

 WEL (Great Britain) Long-term value: 5 mg/m³
100-41-4 Ethylbenzene

 WES (Australia) Short-term value: 543 mg/m³, 125 ppm
 Long-term value: 434 mg/m³, 100 ppm

 WEL (Great Britain) Short-term value: 552 mg/m³, 125 ppm
 Long-term value: 441 mg/m³, 100 ppm
 Sk

 PEL (USA) Long-term value: 435 mg/m³, 100 ppm
 REL (USA) Short-term value: 545 mg/m³, 125 ppm
 Long-term value: 435 mg/m³, 100 ppm

 TLV (USA) Long-term value: 20 ppm
 OTO, BEI, A3

1330-20-7 Xylene (mixture of isomers)

 WES (Australia) Short-term value: 655 mg/m³, 150 ppm
 Long-term value: 350 mg/m³, 80 ppm

 WEL (Great Britain) Short-term value: 441 mg/m³, 100 ppm
 Long-term value: 220 mg/m³, 50 ppm
 Sk; BMGV

 PEL (USA) Long-term value: 435 mg/m³, 100 ppm
 REL (USA) Short-term value: 655 mg/m³, 150 ppm
 Long-term value: 435 mg/m³, 100 ppm

 TLV (USA) Long-term value: 20 ppm
 BEI, A4

Ingredients with biological limit values:
100-41-4 Ethylbenzene

 BEI (USA) 0.15 g/g creatinine
 Medium: urine
 Time: end of shift
 Parameter: Sum of mandelic acid and phenylglyoxylic acid (nonspecific)

1330-20-7 Xylene (mixture of isomers)

 BMGV (Great Britain) 650 mmol/mol creatinine
 Medium: urine
 Sampling time: post shift
 Parameter: methyl hippuric acid

 BEI (USA) 0.3 g/g creatinine
 Medium: urine
 Time: end of shift
 Parameter: Methylhippuric acids

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

(Contd. on page 6)

Safety Data Sheet according to WHS Regulations

Date of issue: 28.11.2025

Version Number: 1.0

Revision Date: 28.11.2025

Trade name: SILCOR 575 HB

(Contd. of page 5)

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 and wash before reuse.

9 Physical and Chemical Properties

GENERAL INFORMATION

Appearance:	
Form:	Liquid.
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:	>138 °C
Flash point:	74 °C
Flammability	Not applicable.
Auto-ignition temperature:	Not determined.
Decomposition temperature:	Not determined.
Ignition temperature:	Not determined.
Explosive properties:	Not determined.
Lower:	Not determined.
Upper:	Not determined.

(Contd. on page 7)

AU

Safety Data Sheet

according to WHS Regulations

Date of issue: 28.11.2025

Version Number: 1.0

Revision Date: 28.11.2025

Trade name: SILCOR 575 HB

(Contd. of page 6)

Vapour pressure:	Not determined.
Density at 20 °C:	1.4 g/cm ³
Vapour density:	Not determined.
Evaporation rate:	Not determined.
Solubility in/Miscibility with:-	
Water:	Insoluble.
Partition coefficient: n-octanol/water:	Not determined.
VISCOSITY at 25 °C	45,000 ± 10,000 cps
Dynamic:	Not determined.
Kinematic:	Not determined.
Other information:	Residual TDI - < 0.1%
Particle characteristics	Not applicable.
Physical state	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 Based on available data, the classification criteria are not met.

LD/LC50 values relevant for classification:

28553-12-0 Diisononyl phthalate

Dermal	LD50	3,160 mg/kg (rabbit)
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100-41-4 Ethylbenzene

Dermal	LD50	3,500 mg/kg (rat)
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(Contd. on page 8)

Safety Data Sheet according to WHS Regulations

Date of issue: 28.11.2025

Version Number: 1.0

Revision Date: 28.11.2025

Trade name: SILCOR 575 HB

(Contd. of page 7)

	LD50	17,800 mg/kg (rabbit)
1330-20-7 Xylene (mixture of isomers)		
Oral	LD50	3,523 mg/kg (rat)
Dermal	LD50	1,700 mg/kg (rabbit)

Primary irritant effect**Skin corrosion/irritation** Causes skin irritation.**Serious eye damage/irritation** Causes serious eye irritation.**Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.**Germ cell mutagenicity** Based on available data, the classification criteria are not met.**Carcinogenicity** Based on available data, the classification criteria are not met.**Reproductive toxicity** Based on available data, the classification criteria are not met.**STOT-single exposure** May cause respiratory irritation.**STOT-repeated exposure** Based on available data, the classification criteria are not met.**Aspiration hazard** May be fatal if swallowed and enters airways.**Other information :**

The product was classified according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

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.

AU

(Contd. on page 9)

Safety Data Sheet according to WHS Regulations

Date of issue: 28.11.2025

Version Number: 1.0

Revision Date: 28.11.2025

Trade name: SILCOR 575 HB

(Contd. of page 8)

13 Disposal considerations

Waste treatment methods:

Recommendation:



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

Refer to State Land Waste Authority for disposal considerations.

UNCLEANED PACKAGING

Recommendation: Disposal must be made according to official regulations.

14 Transport information

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

15 Regulatory information

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

Australia: Priority Existing Chemicals

28553-12-0	Diisononyl phthalate
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National regulations:

Other regulations, limitations and prohibitive regulations: All ingredients are listed on AICS.

Registered in the international inventory lists: AICS (Australia)

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

AU
(Contd. on page 10)

Safety Data Sheet
according to WHS Regulations

Date of issue: 28.11.2025

Version Number: 1.0

Revision Date: 28.11.2025

Trade name: SILCOR 575 HB

(Contd. of page 9)

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.

Relevant phrases:

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H312 Harmful in contact with skin.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H335 May cause respiratory irritation.

H336 May cause drowsiness or dizziness.

H373 May cause damage to organs through prolonged or repeated exposure.

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

Tel: + 63 2 8271 2300

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