

**Safety Data Sheet
in accordance with HSNO**

Date of issue: 21.11.2025

Version Number: 1.0

Revision Date: 21.11.2025

1 Identification of the substance or mixture and of the supplier

Other means of identification

Trade name: *Silcor Top Coat 80 (Hardener)*

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:

Flammable liquids Category 2	H225	Highly flammable liquid and vapour.
Acute inhalation toxicity Category 4	H332	Harmful if inhaled.
Skin irritation Category 2	H315	Causes skin irritation.
Eye irritation Category 2	H319	Causes serious eye irritation.
Skin sensitisation Category 1	H317	May cause an allergic skin reaction.
Reproductive toxicity Category 1	H360	May damage fertility or the unborn child.
Specific target organ toxicity - single exposure Category 3	H335-H336	May cause respiratory irritation. May cause drowsiness or dizziness.
Specific target organ toxicity - repeated exposure Category 2	H373	May cause damage to the hearing organs through prolonged or repeated exposure.
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).

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Hazard pictograms



GHS02 GHS07 GHS08

Signal word Danger

Hazard-determining components of labelling:

Hexane, 1,6-diisocyanato-, homopolymer
Xylene (mixture of isomers)
Ethylbenzene
2-ethoxyethyl acetate

Hazard statements

Highly flammable liquid and vapour.
Harmful if inhaled.
Causes skin irritation.
Causes serious eye irritation.
May cause an allergic skin reaction.
May damage fertility or the unborn child.
May cause respiratory irritation. May cause drowsiness or dizziness.
May cause damage to the hearing organs through prolonged or repeated exposure.
May be fatal if swallowed and enters airways.

Precautionary statements

Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Ground and bond container and receiving equipment.
Use explosion-proof [electrical/ventilating/lighting] equipment.
Use non-sparking tools.
Take action to prevent static discharges.
Do not breathe dust/fume/gas/mist/vapours/spray.
Avoid breathing dust/fume/gas/mist/vapours/spray.
Wash thoroughly after handling.
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.
IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
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.
Call a POISON CENTER/doctor if you feel unwell.
Get medical advice/attention if you feel unwell.
Do NOT induce vomiting.
If skin irritation or rash 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 in a well-ventilated place. Keep cool.
Store locked up.

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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.

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:

28182-81-2	Hexane, 1,6-diisocyanato-, homopolymer Acute inhalation toxicity Category 4, H332; Skin sensitisation Category 1, H317	50-<100%
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	10-<20%
1330-20-7	Xylene (mixture of isomers) Flammable liquids Category 3, H226 Reproductive toxicity Category 2, H361; Specific target organ toxicity - repeated exposure Category 2, H373 Acute oral toxicity Category 4, H302; Acute dermal toxicity Category 4, H312; Skin irritation Category 2, H315; Eye irritation Category 2, H319	10-<20%
123-86-4	n-butyl acetate Flammable liquids Category 3, H226 Specific target organ toxicity - single exposure Category 3, H336	5-<10%
111-15-9	2-ethoxyethyl acetate Flammable liquids Category 3, H226 Reproductive toxicity Category 1, H360 Acute oral toxicity Category 4, H302; Acute dermal toxicity Category 4, H312; Acute inhalation toxicity Category 4, H332	5-<10%

4 First aid measures

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

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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.

After swallowing:

Rinse mouth.

Do NOT induce vomiting.

Call for a doctor immediately.

Information for doctor:

Most important symptoms and effects, both acute and delayed:

May cause sensitisation by skin contact.

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:

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

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.

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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.

Flammable mixtures with air can be formed in emptied containers. Do not puncture, cut, drill, heat or weld uncleaned drums.

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:



Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

Use explosion-proof apparatus / fittings and spark-proof tools.

Empty containers may retain hazardous residue, both liquid and vapour. Do not cut, drill, grind or weld on or near container, whether empty or full.

Ensure good interior ventilation, especially at floor level. (Fumes are heavier than air).

Ground and bond container and receiving equipment.

STORAGE

Requirements to be met by storerooms and receptacles:

Store in a cool location.

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.

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

1330-20-7 Xylene (mixture of isomers)

WES (New Zealand)	Long-term value: 217 mg/m ³ , 50 ppm oto, bio
WES (Australia)	Short-term value: 655 mg/m ³ , 150 ppm Long-term value: 350 mg/m ³ , 80 ppm
WEL (Great Britain)	Short-term value: 441 mg/m ³ , 100 ppm Long-term value: 220 mg/m ³ , 50 ppm Sk; BMGV

123-86-4 n-butyl acetate

WES (New Zealand)	Short-term value: 713 mg/m ³ , 150 ppm Long-term value: 238 mg/m ³ , 50 ppm
WES (Australia)	Short-term value: 950 mg/m ³ , 200 ppm Long-term value: 713 mg/m ³ , 150 ppm
WEL (Great Britain)	Short-term value: 966 mg/m ³ , 200 ppm Long-term value: 724 mg/m ³ , 150 ppm

111-15-9 2-ethoxyethyl acetate

WES (New Zealand)	Long-term value: 11 mg/m ³ , 2 ppm skin, bio
WES (Australia)	Long-term value: 27 mg/m ³ , 5 ppm Sk
WEL (Great Britain)	Long-term value: 11 mg/m ³ , 2 ppm Sk

Ingredients with biological limit values:

1330-20-7 Xylene (mixture of isomers)

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

Liquid.

Colour:

Transparent.

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:

>126 °C

Flash point:

22 °C

Flammability

Highly flammable.

Auto-ignition temperature:

Not determined.

Decomposition temperature:

Not determined.

Ignition temperature:

Not determined.

Explosive properties:

In use, may form flammable/explosive vapour-air mixture.

Lower:

Not determined.

Upper:

Not determined.

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Vapour pressure:	Not determined.
Density at 20 °C:	1.1 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	
Dynamic:	Not determined.
Kinematic:	Not determined.

Other information:	
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

No dangerous reactions known.
No further relevant information available.

Conditions to avoid:

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Incompatible materials: No further relevant information available.

Hazardous decomposition products: Carbon monoxide and carbon dioxide

11 Toxicological information

Information on toxicological effects:

ACUTE TOXICITY Harmful if inhaled.

LD/LC50 values relevant for classification:

28182-81-2 Hexane, 1,6-diisocyanato-, homopolymer

Oral	LD50	>2,500 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rabbit)
	LD50	>2,000 mg/kg (rat)
Inhalative	LC50, 4h	mg/l (rat)

100-41-4 Ethylbenzene

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

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1330-20-7 Xylene (mixture of isomers)		
Oral	LD50	3,523 mg/kg (rat)
Dermal	LD50	1,700 mg/kg (rabbit)
123-86-4 n-butyl acetate		
Oral	LD50	13,100 mg/kg (rat)
Dermal	LD50	>17,600 mg/kg (rabbit)
Inhalative	LC50, 4h	>21 mg/l (rat)
111-15-9 2-ethoxyethyl acetate		
Dermal	LD50	≤3,900 mg/kg (rat)
	LD50	10,300 mg/kg (rabbit)

Primary irritant effect

Skin corrosion/irritation Causes skin irritation.

Serious eye damage/irritation Causes serious eye irritation.

Inhalation: Harmful if inhaled.

Ingestion: May cause damage to the hearing organs through prolonged or repeated exposure.

Respiratory or skin sensitisation May cause an allergic skin reaction.

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 May damage fertility or the unborn child.

STOT-single exposure May cause respiratory irritation. May cause drowsiness or dizziness.

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

Aspiration hazard May be fatal if swallowed and enters airways.

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.

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13 Disposal considerations

Waste treatment methods:

Recommendation:



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

UNCLEANED PACKAGING

Recommendation: Disposal must be made according to official regulations.

14 Transport information

UN-Number NZS, IMDG, IATA	UN1993
UN proper shipping name NZS, IMDG, IATA	FLAMMABLE LIQUID, N.O.S. (XYLENES, BUTYL ACETATES)
Transport hazard class(es) NZS, IMDG, IATA	
	
Class Label	3 Flammable liquids. 3
Packing group NZS, IMDG, IATA	II
Environmental hazards:	Not applicable.
Special precautions for user:	Warning: Flammable liquids.
Hazard identification number (Kemler code):	33
EMS Number:	F-E, <u>S-E</u>
Stowage Category	E
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:	Not Regulated
Transport/Additional information:	
NZS Limited quantities (LQ) Excepted quantities (EQ)	1L Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
Transport category	2

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Tunnel restriction code

D/E

IMDG

Limited quantities (LQ)

1L

Excepted quantities (EQ)

Code: E2

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 500 ml

15 Regulatory information

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

HSNO Approval Number

HSNO Approval numbers

100-41-4	Ethylbenzene	HSR001151
1330-20-7	Xylene (mixture of isomers)	HSR000983
123-86-4	n-butyl acetate	HSR001091
111-15-9	2-ethoxyethyl acetate	HSR001157

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
Tel: + 63 2 8271 2300

The first date of preparation: 19.10.2022

Number of revision times and the latest revision date: 1.0 / 21.11.2025

Sources:

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