

**Safety Data Sheet
in accordance with HSNO**

Printing Date: 11.06.2020

Version Number: 1.0

Revision Date: 11.06.2020

1 Identification of the substance or mixture and of the supplier

Product identifier:

Trade name: *DECSEAL Wearing Course Mid Grey (S)*

Relevant identified uses of the substance or mixture, and uses advised against:

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.
74 Annie Street
Rocklea, Queensland 4106
Australia

Further information obtainable from:

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

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:

Flam. Liq. 2 H225 Highly flammable liquid and vapour.

Skin Irrit. 2 H315 Causes skin irritation.

Skin Sens. 1 H317 May cause an allergic skin reaction.

Label elements:

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

Hazard pictograms



GHS02 GHS07

Signal word Danger

Hazard-determining components of labelling:

Methyl methacrylate
n-butyl methacrylate
2-ethylhexyl acrylate
maleic anhydride

Hazard statements

Highly flammable liquid and vapour.

Causes skin irritation.

May cause an allergic skin reaction.

Precautionary statements

Keep away from heat/sparks/open flames/hot surfaces. No smoking.

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Keep container tightly closed.
 Ground/bond container and receiving equipment.
 Use explosion-proof electrical/ventilating/lighting equipment.
 Use only non-sparking tools.
 Take precautionary measures against static discharge.
 Avoid breathing dust/fume/gas/mist/vapours/spray.
 Wash thoroughly after handling.
 Contaminated work clothing should not be allowed out of the workplace.
 Wear protective gloves/protective clothing/eye protection/face protection.
 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
 If skin irritation or rash occurs: Get medical advice/attention.
 Take off contaminated clothing and wash it before reuse.
 In case of fire: Use to extinguish: CO₂, powder or water spray.
 Store in a well-ventilated place. Keep cool.
 Dispose of contents/container in accordance with local/regional/national/international regulations.

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 2006

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:

14464-46-1	crystalite	30-<50%
14808-60-7	Quartz (SiO ₂)	25-<30%
80-62-6	Methyl methacrylate Flam. Liq. 2, H225 Skin Irrit. 2, H315; Skin Sens. 1, H317; STOT SE 3, H335	5-<10%
97-88-1	n-butyl methacrylate Flam. Liq. 3, H226 Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317; STOT SE 3, H335	5-<10%
103-11-7	2-ethylhexyl acrylate Skin Irrit. 2, H315; Skin Sens. 1, H317; STOT SE 3, H335 Flam. Liq. 4, H227	3-<5%
28553-12-0	di-"isononyl" phthalate	1-<3%
38668-48-3	1,1'-(p-tolylimino)dipropan-2-ol Acute Tox. 2, H300; Acute Tox. 3, H311; Acute Tox. 3, H331 Eye Irrit. 2A, H319 Aquatic Acute 3, H402; Aquatic Chronic 3, H412	0.1-<0.3%
108-31-6	maleic anhydride Resp. Sens. 1, H334; STOT RE 1, H372 Skin Corr. 1B, H314; Eye Dam. 1, H318 Acute Tox. 4, H302; Skin Sens. 1A, H317	0-<0.05%

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4 First aid measures

Description of 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.

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: May cause sensitisation by skin contact.

Indication of any immediate medical attention and special treatment needed: No further relevant information available.

5 Fire fighting measures

Extinguishing media:

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.

Advice for firefighters:

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.

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

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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:



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/bond container and receiving equipment.

Conditions for safe storage, including any incompatibilities:

STORAGE

Requirements to be met by storerooms and receptacles: Store in a cool location.

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

Additional information about design of technical facilities: No further data; see item 7.

Control parameters:

Ingredients with limit values that require monitoring at the workplace:

14464-46-1 cristobalite

OEL (Great Britain)	Long-term value: 0.3 mg/m ³
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14808-60-7 Quartz (SiO₂)

WES (New Zealand)	Long-term value: 0.2 mg/m ³ confirmed carcinogen; respirable dust
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WES (Australia)	Long-term value: 0.05 mg/m ³ respirable dust
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80-62-6 Methyl methacrylate

WES (New Zealand)	Short-term value: 416 mg/m ³ , 100 ppm Long-term value: 208 mg/m ³ , 50 ppm skin
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WES (Australia)	Short-term value: 416 mg/m ³ , 100 ppm Long-term value: 208 mg/m ³ , 50 ppm Sen
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WEL (Great Britain)	Short-term value: 416 mg/m ³ , 100 ppm Long-term value: 208 mg/m ³ , 50 ppm
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28553-12-0 di-"isononyl" phthalate

WES (New Zealand) Long-term value: 5 mg/m³WEL (Great Britain) Long-term value: 5 mg/m³

108-31-6 maleic anhydride

WES (New Zealand) Long-term value: 0.01 mg/m³, 0.0025 ppm
sen, inhalable fraction and vapourWES (Australia) Long-term value: 1 mg/m³, 0.25 ppm
SenWEL (Great Britain) Short-term value: 3 mg/m³
Long-term value: 1 mg/m³
Sen

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

Exposure controls:

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

Information on basic physical and chemical properties:

GENERAL INFORMATION

Appearance:

Form: Liquid.

Colour: Grey.

Odour: Characteristic.

Odour threshold: Not determined.

pH-value (~): Not determined.

Change in conditions:-

Melting point/freezing point: Undetermined.

Initial boiling point and boiling range: 101 °C

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Flash point:	22 °C
Flammability (solid, gas):	Not applicable.
Ignition temperature:	Not determined.
Decomposition temperature:	Not determined.
Auto-ignition temperature:	Not determined.
Explosive properties:	In use, may form flammable/explosive vapour-air mixture.
EXPLOSION LIMITS	
Lower:	2.1 Vol %
Upper:	12.5 Vol %
Vapour pressure at 20 °C:	47 hPa
Density:	Not determined.
Vapour density:	Not determined.
Evaporation rate:	Not determined.
Solubility in/Miscibility with:- Water:	Not miscible or difficult to mix.
Partition coefficient: n-octanol/water:	Not determined.
VISCOSITY	
Dynamic:	Not determined.
Kinematic:	Not determined.
Molecular weight	Not applicable.
Other information:	No further relevant information available.

10 Stability and reactivity

Reactivity: Will exothermically polymerise in the presence of initiators.

Chemical stability: Stable in the presence of inhibitor.

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

Possibility of hazardous reactions

Susceptible to polymerisation initiated by prolonged storage or the presence of catalyst.

Conditions to avoid: Keep away from heat/sparks/open flames/hot surfaces. No smoking.

Incompatible materials:

Polymerisation catalysts, such as peroxy or azo compounds, strong acids, alkalis and oxidising agents. Oxides and salts of transition metals. Organic Nitrogen containing compounds. Cyclohexanone/Cyclohexenol tautomer.

Hazardous decomposition products: Carbon monoxide and carbon dioxide.

11 Toxicological information

Information on toxicological effects:

ACUTE TOXICITY

LD/LC50 values relevant for classification:

97-88-1 n-butyl methacrylate

Dermal	LD50	22,600 mg/kg (rat)
	LD50	11,300 mg/kg (rabbit)
Inhalative	LC50, 4h	4,910 mg/l (rat)

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38668-48-3 1,1'-(p-tolylimino)dipropan-2-ol

Oral	LD50	25 mg/kg (rat)
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Primary irritant effect

Skin corrosion/irritation Causes skin irritation.

Serious eye damage/irritation No irritating effect.

Respiratory or skin sensitisation Sensitisation possible through skin contact.

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.

Other adverse effects: No further relevant information available.

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

ADR, IMDG, IATA

UN1866

UN proper shipping name

ADR, IMDG, IATA

RESIN SOLUTION

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Transport hazard class(es)

ADR, IMDG, IATA



Class 3 Flammable liquids.
Label 3

Packing group

ADR, IMDG, IATA II

Environmental hazards: Not applicable.

Special precautions for user: Warning: Flammable liquids.

Hazard identification number (Kemler code): 33

EMS Number: F-E,S-E

Stowage Category B

Transport in bulk according to Annex II of

MARPOL73/78 and the IBC Code: Not Regulated

Transport/Additional information:

ADR

Limited quantities (LQ) 5L
Excepted quantities (EQ) Code: E2
Maximum net quantity per inner packaging: 30 ml
Maximum net quantity per outer packaging: 500 ml

Transport category 2
Tunnel restriction code D/E

IMDG

Limited quantities (LQ) 5L
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:

See Section 2 for hazard identification.

HSNO Approval numbers

14464-46-1	crystalite	HSR003244
14808-60-7	Quartz (SiO ₂)	HSR003125
80-62-6	Methyl methacrylate	HSR001195
97-88-1	n-butyl methacrylate	HSR001103
103-11-7	2-ethylhexyl acrylate	HSR001387
108-31-6	maleic anhydride	HSR003012

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

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

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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
SCIP, Canlubang, Calamba City, Laguna
Philippines 4028
Tel: +63 (02) 8236-6820 to 24

The first date of preparation: 07.05.2020**Number of revision times and the latest revision date:** 1.0 / 11.06.2020

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