

**Safety Data Sheet  
according to WHS Regulations**

Printing Date: 23.09.2022

Version Number: 1.0

Revision Date: 23.09.2022

**1 Identification****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 Applied Technologies (UK) Ltd  
(formerly Stirling Lloyd Polychem Ltd)  
Gateway  
Gate Street  
Dukinfield  
SK16 4RU  
UNITED KINGDOM

T : +44 (0)1565 633111 (Technical/Commercial enquiries)

F : +44 (0)1565 633555

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De Neef Construction Chemicals BVBA  
Industriepark 8,  
2220 Heist-op-den-Berg,  
Belgium.

Tel: +32 15 24 93 60

Fax: +32 15 24 80 72

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

**Further information obtainable from:** [APMSDS@gcpat.com](mailto:APMSDS@gcpat.com)**Emergency telephone number:** After hours - Tel. No. 1800 039 008**2 Hazard(s) 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

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**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, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
Keep container tightly closed.  
Ground and bond container and receiving equipment.  
Use explosion-proof [electrical/ventilating/lighting] equipment.  
Use non-sparking tools.  
Take action to prevent static discharges.  
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/hearing protection.  
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or 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 CO<sub>2</sub>, powder or water spray to extinguish.  
Store in a well-ventilated place. Keep cool.  
Dispose of contents/container in accordance with local/regional/national/international regulations.

**Hazard description:** Flammable**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:**

14464-46-1	cristobalite	30-<50%
80-62-6	Methyl methacrylate	5-<10%
	Flam. Liq. 2, H225 Skin Irrit. 2, H315; Skin Sens. 1, H317; STOT SE 3, H335	
97-88-1	n-butyl methacrylate	5-<10%
	Flam. Liq. 3, H226 Skin Irrit. 2, H315; Eye Irritation 2A, H319; Skin Sens. 1, H317; STOT SE 3, H335	
103-11-7	2-ethylhexyl acrylate	3-<5%
	Skin Irrit. 2, H315; Skin Sens. 1, H317; STOT SE 3, H335 Flam. Liq. 4, H227	
13463-67-7	Titanium dioxide	1-<3%
38668-48-3	1,1'-(p-tolylimino)dipropen-2-ol	0.1-<0.3%
	Acute Tox. 2, H300; Acute Tox. 3, H311; Acute Tox. 3, H331 Eye Irritation 2A, H319	

**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'.

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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 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:** 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

### Suitable extinguishing agents:

CO<sub>2</sub>, 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.

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.

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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 and 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 <sup>3</sup>
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**80-62-6 Methyl methacrylate**

WES (Australia)	Short-term value: 416 mg/m <sup>3</sup> , 100 ppm Long-term value: 208 mg/m <sup>3</sup> , 50 ppm Sen
WEL (Great Britain)	Short-term value: 416 mg/m <sup>3</sup> , 100 ppm Long-term value: 208 mg/m <sup>3</sup> , 50 ppm
PEL (USA)	Long-term value: 410 mg/m <sup>3</sup> , 100 ppm
REL (USA)	Long-term value: 410 mg/m <sup>3</sup> , 100 ppm
TLV (USA)	Short-term value: 100 ppm Long-term value: 50 ppm DSEN, A4

**13463-67-7 Titanium dioxide**

WES (Australia)	Long-term value: 10 mg/m <sup>3</sup>
WEL (Great Britain)	Long-term value: 10* 4** mg/m <sup>3</sup> *total inhalable **respirable
PEL (USA)	Long-term value: 15* mg/m <sup>3</sup> *total dust
REL (USA)	See Pocket Guide App. A
TLV (USA)	Long-term value: 0.2* 2.5** mg/m <sup>3</sup> resp. fraction, *nanoscale, **finescale, A3

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

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**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 and wash before reuse.

## 9 Physical and Chemical Properties

**Information on basic physical and chemical properties:****GENERAL INFORMATION****Appearance:**

<b>Form:</b>	Liquid.
<b>Colour:</b>	Grey.
<b>Odour:</b>	Characteristic.
<b>Odour threshold:</b>	Not determined.

**pH-value (~):** Not determined.

**Change in conditions:-**

<b>Melting point/freezing point:</b>	Undetermined.
<b>Initial boiling point and boiling range:</b>	101 °C
<b>Flash point:</b>	22 °C

**Flammability (solid, gas):** Highly flammable.

**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**

<b>Lower:</b>	2.1 Vol %
<b>Upper:</b>	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.

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**Partition coefficient: n-octanol/water:** Not determined.

**VISCOSITY**
**Dynamic:** Not determined.

**Kinematic:** Not determined.

**Molecular weight** Not determined.

**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)

**13463-67-7 Titanium dioxide**

Oral	LD50	>5,000 mg/kg (rat)
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**38668-48-3 1,1'-(p-tolylimino)dipropen-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.

**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.

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### 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.

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

UN1866

### UN proper shipping name

ADG, IMDG, IATA

RESIN SOLUTION

### Transport hazard class(es)

ADG, IMDG, IATA



Class

3 Flammable liquids.

Label

3

### Packing group

ADG, 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

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**Transport/Additional information:**
**ADG**
**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

**UN "Model Regulation":**

UN 1866 RESIN SOLUTION, 3, II

### 15 Regulatory information

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

See Section 2 for hazard identification.

**Australia: Priority Existing Chemicals**

None of the ingredients is listed.

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

**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.

**Relevant phrases:**

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H227 Combustible liquid.

H300 Fatal if swallowed.

H311 Toxic in contact with skin.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H331 Toxic if inhaled.

H335 May cause respiratory irritation.

**Department issuing SDS:**

EHS Department,

Asia Pacific Region

SCIP, Canlubang, Calamba City, Laguna

Philippines 4028

Tel: +63 (02) 8236-6820 to 24

**Contact:**
**The first date of preparation:** 10.03.2021

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