

Safety data sheet
complying with Regulation 1907/2006/EC (REACH Regulation),
EU 2020/878 and Regulation No 1272/2008/EC (CLP)

Printing date 16.02.2022

Version number 8 (replaces version 7)

Revision: 16.02.2022

*** SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier****Trade name:** SiMP Seal 55**1.2 Relevant identified uses of the substance or mixture and uses advised against**

No further relevant information available.

Application of the substance / the mixture:

One component, methoxy silane-based, adhesive for generic industrial applications.

1.3 Details of the supplier of the safety data sheet**Manufacturer/Supplier:**

PENETRON HELLAS S.A.

50, THRAKOMAKEDONON AV., 136 79 ACHARNES, GREECE

TEL.: +30 210 2448250 - FAX: + 30 210 2476803

Email: info@penetron.gr Site: www.penetron.gr

1.4 Emergency telephone number:

European Emergency Tel.: 112

*** SECTION 2: Hazards identification****2.1 Classification of the substance or mixture****Classification according to Regulation EC No 1272/2008 CLP:**

This product does not meet the criteria for classification in any hazard class according to Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures.

2.2 Label elements**Labelling according to Regulation EC No 1272/2008 CLP:** Void**Hazard pictograms:** Void**Signal word:** Void**Hazard statements:** Void**Additional information:**

EUH208 Contains trimethoxyvinylsilane, N-(3-(trimethoxysilyl)propyl)ethylenediamine. May produce an allergic reaction.

EUH210 Safety data sheet available on request.

EUH211 Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

2.3 Other hazards**Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.*** SECTION 3: Composition/information on ingredients****3.2 Mixtures****Description:** Mixture: consisting of the following components.

(Contd. on page 2)

GB

Safety data sheet
complying with Regulation 1907/2006/EC (REACH Regulation),
EU 2020/878 and Regulation No 1272/2008/EC (CLP)

Printing date 16.02.2022

Version number 8 (replaces version 7)

Revision: 16.02.2022

Trade name: SiMP Seal 55

(Contd. of page 1)

Ingredients according Regulation (EU) 2020/878:

CAS: 28553-12-0 EINECS: 249-079-5 Reg.nr.: 01-2119430798-28-XXXX	diisononyl phthalate substance with a Community workplace exposure limit	≥12-<13.5%
CAS: 78-40-0 EINECS: 201-114-5 Index number: 015-013-00-7 Reg.nr.: 01-2119492852-28-XXXX	triethyl phosphate ⚠ Acute Tox. 4, H302; Eye Irrit. 2, H319	≥4.5-<5%
CAS: 13463-67-7 EINECS: 236-675-5 Reg.nr.: 01-2119489379-17-XXXX	Titanium dioxide [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm] Classification notes according to Annex VI to the CLP Regulation: 10, V, W ⚠ Carc. 2, H351, EUH211, EUH212	≥3.5-<4%
CAS: 1333-86-4 EINECS: 215-609-9 Reg.nr.: 01-2119384822-32-XXXX	Carbon black substance with a Community workplace exposure limit	≥1-<1.5%
CAS: 2768-02-7 EINECS: 220-449-8 Index number: 014-049-00-0 Reg.nr.: 01-2119513215-52-XXXX	trimethoxyvinylsilane ⚠ Flam. Liq. 3, H226; ⚠ Acute Tox. 4, H332; Skin Sens. 1B, H317	≥0.89-<1%
CAS: 1760-24-3 EINECS: 217-164-6 Reg.nr.: 01-2119970215-39-XXXX	N-(3-(trimethoxysilyl)propyl)ethylenediamine ⚠ STOT RE 2, H373; ⚠ Eye Dam. 1, H318; ⚠ Acute Tox. 4, H332; Skin Sens. 1, H317	≥0.89-<1%
CAS: 52829-07-9 EINECS: 258-207-9 Reg.nr.: 01-2119537297-32-XXXX	bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate ⚠ Acute Tox. 2, H330; ⚠ Eye Dam. 1, H318; ⚠ Aquatic Acute 1, H400; Aquatic Chronic 2, H411	≥0.15-<0.2%
CAS: 67-56-1 EINECS: 200-659-6 Index number: 603-001-00-X	methanol ⚠ Flam. Liq. 2, H225; ⚠ Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 3, H331; ⚠ STOT SE 1, H370 Specific concentration limits: STOT SE 1; H370: C ≥ 10 % STOT SE 2; H371: 3 % ≤ C < 10 %	≥0-<0.05%

SECTION 4: First aid measures**4.1 Description of first aid measures****After inhalation:**

Keep patient calm, remove to fresh air.

Call a doctor immediately.

After skin contact:

Immediately rinse with plenty of water.

In case of skin irritation, consult a physician.

(Contd. on page 3)

Safety data sheet
complying with Regulation 1907/2006/EC (REACH Regulation),
EU 2020/878 and Regulation No 1272/2008/EC (CLP)

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Version number 8 (replaces version 7)

Revision: 16.02.2022

Trade name: SiMP Seal 55

(Contd. of page 2)

After eye contact:

Remove immediately with a clean cloth or paper and wash affected area with soap and water.

Avoid strong water jet-risk of cornea damage, consult a doctor.

After swallowing: Wash out mouth with water and seek for medical advice.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

Consult a doctor if symptoms are severe or in the case of persistent irritation of the skin.

SECTION 5: Firefighting measures**5.1 Extinguishing media**

Suitable extinguishing agents: carbon dioxide, foam, powder and water spray.

For safety reasons unsuitable extinguishing agents: None in particular.

5.2 Special hazards arising from the substance or mixture

In the event of fire and/or explosion do not breathe fumes.

5.3 Advice for firefighters**Protective equipment:**

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for

health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of

contaminated water used for extinction and the remains of the fire according to applicable regulations.

Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

SECTION 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures:****6.1.1 For non-emergency personnel**

Stop leakage, if safe to do so.

Wear appropriate protective systems (including personal protection systems in section 8 of the safety data sheet) to prevent skin, eye and individual skin contamination.

These suggestions are valid for either the controllers or the emergency interventions.

6.1.2 For emergency responders

First-aid responders must wear protective clothing, gloves, goggles and respiratory device with filter type A.

6.2 Environmental precautions: Do not allow to enter sewers/ surface or ground water.

6.3 Methods and material for containment and cleaning up:

Collect the leaked product into a suitable container. Evaluate the compatibility of the container to be used, by checking section 10.

Absorb the remainder with inert absorbent material.

Make sure the leakage site is well aired.

6.4 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.

GB

(Contd. on page 4)

Safety data sheet
complying with Regulation 1907/2006/EC (REACH Regulation),
EU 2020/878 and Regulation No 1272/2008/EC (CLP)

Printing date 16.02.2022

Version number 8 (replaces version 7)

Revision: 16.02.2022

Trade name: SiMP Seal 55

(Contd. of page 3)

SECTION 7: Handling and storage**7.1 Precautions for safe handling**

Avoid contact with the eyes and skin

Ensure good ventilation.

Do not eat, drink or smoke during the usage of the product.

Wash hands before each break and after finishing work.

Information about fire - and explosion protection:

Keep ignition sources away - Do not smoke.

Keep away from heat, sparks, open flames and hot surfaces.

Prevent the creation of electrostatic charges

7.2 Conditions for safe storage, including any incompatibilities**Storage:** Store in cool, dry conditions in well sealed receptacles.**Requirements to be met by storerooms and receptacles:**

Store in a cool location.

Keep only in the original container.

Further information about storage conditions: None.**7.3 Specific end use(s)** No further relevant information available.* **SECTION 8: Exposure controls/personal protection****8.1 Control parameters****Ingredients with limit values that require monitoring at the workplace:****CAS: 28553-12-0 diisononyl phthalate**WEL (Great Britain) Long-term value: 5 mg/m³

CAS: 13463-67-7 Titanium dioxide [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm]
Classification notes according to Annex VI to the CLP Regulation: 10, V, W

WEL (Great Britain) Long-term value: 10* 4** mg/m³
 *total inhalable **respirable

CAS: 1333-86-4 Carbon black

WEL (Great Britain) Short-term value: 7 mg/m³
 Long-term value: 3.5 mg/m³

DNELs

N-(3-(trimethoxysilyl)propyl)ethylenediamine | CasNo: 1760-24-3.

Consumers:

Inhalation: chronic systemic effect - 8.7 mg/m³.

Dermal: Acute systemic effect - 17 mg/kg bw/d.

chronic systemic effect - 2.5 mg/kg bw/d.

Workers:

Inhalation: chronic systemic effect - 35.3 mg/m³.

Dermal: Acute & chronic systemic effect - 5 mg/kg bw/d.

Triethyl phosphate

Consumers:

Oral: acute systemic effect - 13,3 mg/kg/d

chronic systemic effect - 1,66 mg/kg/d

Inhalation: acute systemic effect - 23,12 mg/m³

(Contd. on page 5)

Safety data sheet
complying with Regulation 1907/2006/EC (REACH Regulation),
EU 2020/878 and Regulation No 1272/2008/EC (CLP)

Printing date 16.02.2022

Version number 8 (replaces version 7)

Revision: 16.02.2022

Trade name: SiMP Seal 55

(Contd. of page 4)

chronic systemic effect - 2,89 mg/m³
 Dermal: acute systemic effect - 13,3 mg/m³
 chronic systemic effect - 1,66 mg/m³

Workers:

Inhalation: acute systemic effect - 93,6 mg/m³
 chronic systemic incidence - 11,7 mg/m³

Dermal: acute systemic effects - 26,6 mg/kg/d
 chronic systemic effect - 3,33 mg/kg/d

Trimethoxyvinylsilane | CasNo: 2768-02-7.

Consumers:

Oral: chronic systemic effect - 0.3 mg/kg/d
 Inhalation: Acute systemic effect - 93.4 mg/m³
 chronic systemic effect - 1.04 mg/m³

Dermal: Acute systemic effect - 26.9 mg/kg/d
 chronic systemic effect - 0.3 mg/kg/d

Workers:Inhalation: chronic systemic effect - 4.9 mg/m³

Dermal: chronic systemic effect - 0.69 mg/kg/d

Bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate | CasNo: 52829-07-9.

Consumers:

Oral: chronic systemic effect - 1 mg/kg
 systemic effect - 1 mg/kg

Inhalation: Acute systemic effect - 1.4 mg/m³
 chronic systemic incidence - 1,4 mg/m³

Dermal: Acute systemic effect - 1 mg/kg
 chronic systemic effect - 1 mg/kg

Workers:Inhalation: chronic & acute systemic effect - 5.6 mg/m³

Dermal: chronic & acute systemic effect - 2 mg/kg

PNECs

Triethyl phosphate

fresh water 0,632 mg/l

marine water 0,0632 mg/l

sediment in fresh water 4.83 mg/kg/d

for the micro-organisms STP 298,5 mg/l

for the terrestrial compartment 0.596 mg/kg/d

N-(3-(trimethoxysilyl)propyl)ethylenediamine | CasNo: 1760-24-3.

fresh water 0.062 mg/l

marine water 0,0062 mg/l

sediment in fresh water 0.22 mg/kg

sediment in marine water 0,022 mg/kg

for water, intermittent release of 0.62 mg/l

for STP microorganisms 25 mg/l

for the terrestrial compartment 0,0085 mg/kg

Trimethoxyvinylsilane | CasNo: 2768-02-7.

fresh water 0.34 mg/l

marine water 0,034 mg/l

sediment in fresh water 0.27 mg/kg

for water, intermittent release of 3.4 mg/l

(Contd. on page 6)

Safety data sheet
complying with Regulation 1907/2006/EC (REACH Regulation),
EU 2020/878 and Regulation No 1272/2008/EC (CLP)

Printing date 16.02.2022

Version number 8 (replaces version 7)

Revision: 16.02.2022

Trade name: SiMP Seal 55

(Contd. of page 5)

for STP micro-organisms 110 mg/l
 for the terrestrial compartment of 0.046 mg/kg
 Bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate | CasNo: 52829-07-9.
 fresh water 0,005 mg/l
 marine water 0,0005 mg/l
 sediments in fresh water 8.02 mg/kg
 sediment in seawater 0.802 mg/kg
 for micro-organisms STP 1 mg/l
 for the terrestrial compartment of 1,6 mg/kg

8.2 Exposure controls**Individual protection measures, such as personal protective equipment****General protective and hygienic measures:**

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

Do not eat, drink or smoke while using the product.

Do not breathe vapours or mists.

Avoid contact with skin and eyes.

Be sure to clean skin thoroughly after work and before breaks.

Respiratory protection:

In case of exceeding the threshold value (eg, TLV-TWA) of the substance or one or more of the substances present in the product, it is advisable to wear a mask with filter type A for organic vapors, the class (1, 2 or 3) must be chosen according to the limit concentration of use (1000, 5000 or 10000 ppm) (ref. standard EN 14387).

Hand protection

Protective gloves resistant to chemicals (standard EN 374-1)

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
 The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a mixture of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
 NBR (Nitrile rubber)

0.4 mm thickness, penetration time > 480 min

Penetration time of glove material

The determined penetration times according to EN 16523-1:2015 are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.

Eye/face protection

Safety glasses with side-shields (frame goggles) (e.g. EN 166)

Body protection:

Wear category II professional long-sleeved overalls and safety footwear (see Directive 89/686/EEC and standard EN ISO 20344). Wash body with soap and water after removing protective clothing.

GB

(Contd. on page 7)

Safety data sheet
complying with Regulation 1907/2006/EC (REACH Regulation),
EU 2020/878 and Regulation No 1272/2008/EC (CLP)

Printing date 16.02.2022

Version number 8 (replaces version 7)

Revision: 16.02.2022

Trade name: SiMP Seal 55

(Contd. of page 6)

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Physical state	Paste
Colour:	Various colours
Odour:	Characteristic
Odour threshold:	Not determined
Flammability	Not applicable
Lower and upper explosion limit	
Lower:	Not determined
Upper:	Not determined
Flash point:	Not Flammable
Decomposition temperature:	Not determined
pH	Not determined
Viscosity:	
Kinematic viscosity	Not determined
Dynamic:	100000 - 160000 cps (EN ISO 3219)
Solubility	
water:	Insoluble
Partition coefficient n-octanol/water (log value)	Not determined
Vapour pressure:	Not determined
Density and/or relative density	
Density:	1.62-1.66 g/cm ³ (ISO 1183-1 A)
Relative density	Not determined
Vapour density	Not determined

9.2 Other information

Appearance:

Form: Paste

Important information on protection of health and environment, and on safety.

Auto-ignition temperature:	Not determined
Explosive properties:	Product does not present an explosion hazard.
Solvent content:	
VOC (EC)	VOC (Direction 2010/75/CE) : 4,50 % - 73,35 g/l
Cloud point / clarification point:	
Oxidising properties	No data available
Evaporation rate	Not determined

Information with regard to physical hazard classes

Explosives	Void
Flammable gases	Void
Aerosols	Void
Oxidising gases	Void
Gases under pressure	Void
Flammable liquids	Void
Flammable solids	Void
Self-reactive substances and mixtures	Void
Pyrophoric liquids	Void
Pyrophoric solids	Void

(Contd. on page 8)

Safety data sheet
complying with Regulation 1907/2006/EC (REACH Regulation),
EU 2020/878 and Regulation No 1272/2008/EC (CLP)

Printing date 16.02.2022

Version number 8 (replaces version 7)

Revision: 16.02.2022

Trade name: SiMP Seal 55

(Contd. of page 7)

Self-heating substances and mixtures	Void
Substances and mixtures, which emit flammable gases in contact with water	Void
Oxidising liquids	Void
Oxidising solids	Void
Organic peroxides	Void
Corrosive to metals	Void
Desensitised explosives	Void

SECTION 10: Stability and reactivity**10.1 Reactivity**

Product reacts slowly with water (ambient humidity) turning into a rubbery solid and producing methanol.

10.2 Chemical stability Material is stable under normal conditions.

Thermal decomposition / conditions to be avoided

No decomposition if used and stored according to specifications.

Stable at environment temperature.

10.3 Possibility of hazardous reactions No dangerous reactions known.

10.4 Conditions to avoid Moisture

10.5 Incompatible materials Water

10.6 Hazardous decomposition products

Carbon dioxide (CO₂)

Carbon monoxide

Nitrogen oxides (NO_x)

*

SECTION 11: Toxicological information**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

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

LD/LC50 values relevant for classification:**ATE (Acute Toxicity Estimates)**

Oral	LD50	>32,000-<35,556 mg/kg (rat)
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CAS: 28553-12-0 diisononyl phthalate

Oral	LD50	>10,000 mg/kg (rat)
Dermal	LD50	>3,160 mg/kg (rabbit)

CAS: 78-40-0 triethyl phosphate

Oral	LD50	1,600 mg/kg (rat)
Dermal	LD50	> 20000 mg/kg (rabbit)
Inhalative	LC50 (4h)	> 8817 mg/l (rat)

CAS: 13463-67-7 Titanium dioxide [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm]

Classification notes according to Annex VI to the CLP Regulation: 10, V, W

Oral	LD50	>20,000 mg/kg (rat)
Dermal	LD50	>10,000 mg/kg (rabbit)
Inhalative	LC50/4 h (vapour)	>6.82 mg/l (rat)

(Contd. on page 9)

GB

Safety data sheet
complying with Regulation 1907/2006/EC (REACH Regulation),
EU 2020/878 and Regulation No 1272/2008/EC (CLP)

Printing date 16.02.2022

Version number 8 (replaces version 7)

Revision: 16.02.2022

Trade name: SiMP Seal 55

(Contd. of page 8)

CAS: 1333-86-4 Carbon black

Oral	LD50	>8,000 mg/kg (rat)
Dermal	LD50	>3,000 mg/kg (rat)
Inhalative	LC50/4 h (vapour)	>27 mg/l (rat)

CAS: 2768-02-7 trimethoxyvinylsilane

Oral	LD50	7,178 mg/kg (rat)
Dermal	LD50	3,200 mg/kg (rabbit)
Inhalative	LC50/4 h (vapour)	16.8 mg/l (rat)

CAS: 1760-24-3 N-(3-(trimethoxysilyl)propyl)ethylenediamine

Oral	LD50	2,295 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg
Inhalative	LC50/4h (dusts and mists)	1.49 mg/l (rat)

CAS: 52829-07-9 bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate

Oral	LD50	3,700 mg/kg (rat)
Dermal	LD50	>3,170 mg/kg (rat)
Inhalative	LC50/4 h (vapour)	0.5 mg/l (rat)

CAS: 67-56-1 methanol

Oral	LD50	5,000 mg/kg (rat)
		15,800 mg/kg (rabbit)

Skin corrosion/irritation Based on available data, the classification criteria are not met.**Serious eye damage/irritation** Based on available data, the classification criteria are not met.**Respiratory or skin sensitisation**

May produce an allergic reaction.

Contains: N-[3-(TRIMETHOXYSILYL)PROPYL]ETHYLENEDIAMINE.

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** Based on available data, the classification criteria are not met.**STOT-repeated exposure** Based on available data, the classification criteria are not met.**Aspiration hazard** Based on available data, the classification criteria are not met.**Additional toxicological information:**

The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

Repeated dose toxicity Based on available data, the classification criteria are not met.**11.2 Information on other hazards****Endocrine disrupting properties**

None of the ingredients is listed.

GB

(Contd. on page 10)

Safety data sheet
complying with Regulation 1907/2006/EC (REACH Regulation),
EU 2020/878 and Regulation No 1272/2008/EC (CLP)

Printing date 16.02.2022

Version number 8 (replaces version 7)

Revision: 16.02.2022

Trade name: SiMP Seal 55

(Contd. of page 9)

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SECTION 12: Ecological information**12.1 Toxicity****Aquatic toxicity:****CAS: 28553-12-0 diisononyl phthalate**

EC50 (72h) >88 mg/l (ssu)

EC50 (48h) >74 mg/l (Daphnia magna)

LC50 (96h) >102 mg/l (Danio rerio)

CAS: 1333-86-4 Carbon black

EC50 (72h) >10,000 mg/l (ssu)

LC50 (96h) >1,000 mg/l (Brachydanio rerio)

CAS: 2768-02-7 trimethoxyvinylsilane

LC50 (96h) 191 mg/l (fis)

CAS: 1760-24-3 N-(3-(trimethoxysilyl)propyl)ethylenediamine

EC50 (72h) 126 mg/l (ssu)

EC50 (48h) 81 mg/l (Daphnia magna)

LC50 (96h) 344 mg/l (Brachydanio rerio)

CAS: 52829-07-9 bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate

EC50 (72h) 1.9 mg/l (ssu)

EC50 (48h) 0.57 mg/l (Crustacea)

LC50 (96h) 4.4 mg/l (Brachydanio rerio)

CAS: 67-56-1 methanol

EC50 (48h) >10,000 mg/l (daphnia magna)

LC50 (96h) 15,400-29,400 mg/l (fis)

CAS: 78-40-0 triethyl phosphate

EC50 (72h) 901 mg/l (Desmodesmus subspicatus)

NOEC 31.6 mg/l (Crustacea)

LC50 (96h) > 100 mg/l (Dn)

12.2 Persistence and degradability

CAS: 1760-24-3 | N-(3-(trimethoxysilyl)propyl)ethylenediamine

Not rapidly degradable

CAS: 2768-02-7 | Trimethoxyvinylsilane

Not rapidly degradable.

CAS: 52829-07-9 | Bis(2,2,6,6-tetramethyl-4-piperidyl)sebacate

Not rapidly degradable

CAS: 67-56-1 Methanol

Solubility in water 1000 - 10000 mg/l

Rapidly degradable

12.3 Bioaccumulative potential

CAS: 67-56-1 | Methanol

Partition coefficient: n-octanol/water: -0,77

BCF: 0,2

12.4 Mobility in soil No further relevant information available.

(Contd. on page 11)

GB

Safety data sheet
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EU 2020/878 and Regulation No 1272/2008/EC (CLP)

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Version number 8 (replaces version 7)

Revision: 16.02.2022

Trade name: SiMP Seal 55

(Contd. of page 10)

12.5 Results of PBT and vPvB assessment

Based on available data, the product does not contain PBT or vPvB in an amount greater than 0.1%.

PBT: Not applicable.**vPvB:** Not applicable.**12.6 Endocrine disrupting properties** For information on endocrine disrupting properties see section 11.**12.7 Other adverse effects** No further relevant information available.**SECTION 13: Disposal considerations****13.1 Waste treatment methods****Recommendation**

Reuse, when possible. Neat product residues should be considered special non-hazardous waste.



Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.

Contact manufacturer for recycling information.

Uncleaned packaging:**Recommendation:** Disposal must be made according to official regulations.**SECTION 14: Transport information****14.1 UN number or ID number**

ADR, ADN, IMDG, IATA Void

14.2 UN proper shipping name

ADR, ADN, IMDG, IATA Void

14.3 Transport hazard class(es)

ADR, ADN, IMDG, IATA

Class Void

14.4 Packing group

ADR, IMDG, IATA Void

14.5 Environmental hazards: Not applicable.**14.6 Special precautions for user** Not applicable.**14.7 Maritime transport in bulk according to IMO instruments** Not applicable.

UN "Model Regulation": Void

SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

REACH Regulation 1907/2006/EC

Regulation (EU) 2020/878

CLP Regulation 1272/2008/EC

Directive 98/24/EC on the protection of health and safety of workers from the risks related to chemicals agents at work.

(Contd. on page 12)

GB

Safety data sheet
complying with Regulation 1907/2006/EC (REACH Regulation),
EU 2020/878 and Regulation No 1272/2008/EC (CLP)

Printing date 16.02.2022

Version number 8 (replaces version 7)

Revision: 16.02.2022

Trade name: SiMP Seal 55

(Contd. of page 11)

Council Directive 94/33/EC on the protection of young people at work, as ammended.
 Directive 92/85/EEC on the introduction of measures to encourage improvements in the safety and health at work of pregnant workers and workers who have recently given birth or are breastfeeding, as ammended

Directive 2012/18/EU

Named dangerous substances - ANNEX I Substance is not listed.

REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 52a

National regulations:**Other regulations, limitations and prohibitive regulations****Substances of very high concern (SVHC) according to REACH, Article 57**

It doesn't contain substances of very high concern (SVHC).

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

SECTION 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.
- H301 Toxic if swallowed.
- H302 Harmful if swallowed.
- H311 Toxic in contact with skin.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H330 Fatal if inhaled.
- H331 Toxic if inhaled.
- H332 Harmful if inhaled.
- H351 Suspected of causing cancer.
- H370 Causes damage to organs.
- H373 May cause damage to organs through prolonged or repeated exposure.
- H400 Very toxic to aquatic life.
- H411 Toxic to aquatic life with long lasting effects.


EUH211 Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

EUH212 Warning! Hazardous respirable dust may be formed when used. Do not breathe dust.

Training hints

Suitable training on safety in handling, storing and converting the product should be given to the employees based on all the existing information.

Department issuing SDS:

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Version number of previous version: 7

(Contd. on page 13)

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Safety data sheet
complying with Regulation 1907/2006/EC (REACH Regulation),
EU 2020/878 and Regulation No 1272/2008/EC (CLP)

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Trade name: SiMP Seal 55

(Contd. of page 12)

Abbreviations and acronyms:

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
 IMDG: International Maritime Code for Dangerous Goods
 IATA: International Air Transport Association
 GHS: Globally Harmonised System of Classification and Labelling of Chemicals
 EINECS: European Inventory of Existing Commercial Chemical Substances
 ELINCS: European List of Notified Chemical Substances
 CAS: Chemical Abstracts Service (division of the American Chemical Society)
 VOC: Volatile Organic Compounds (USA, EU)
 DNEL: Derived No-Effect Level (REACH)
 PNEC: Predicted No-Effect Concentration (REACH)
 LC50: Lethal concentration, 50 percent
 LD50: Lethal dose, 50 percent
 PBT: Persistent, Bioaccumulative and Toxic
 SVHC: Substances of Very High Concern
 vPvB: very Persistent and very Bioaccumulative
 Flam. Liq. 2: Flammable liquids – Category 2
 Flam. Liq. 3: Flammable liquids – Category 3
 Acute Tox. 3: Acute toxicity – Category 3
 Acute Tox. 4: Acute toxicity – Category 4
 Acute Tox. 2: Acute toxicity – Category 2
 Eye Dam. 1: Serious eye damage/eye irritation – Category 1
 Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
 Skin Sens. 1: Skin sensitisation – Category 1
 Skin Sens. 1B: Skin sensitisation – Category 1B
 Carc. 2: Carcinogenicity – Category 2
 STOT SE 1: Specific target organ toxicity (single exposure) – Category 1
 STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2
 Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
 Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

*** Data compared to the previous version altered.**

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