

Safety Data Sheet

SEAL-IT® 140 ACRYL-FR

According to Regulation (EC) No 1907/2006

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name: Seal-it® 140 ACRYL-FR

Article number: SI-140-XXXX-310

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture

Barrier (Sealant)

1.3. Details of the supplier of the safety data sheet

Company name:

Street:

Place:

Telephone:

E-mail:

Connect Products B.V.

Duurzaamheidsring 220

4231 EX Meerkerk

+31 (0)183 731 400

info@connectproducts.nl

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

This mixture is not classified as hazardous in accordance with Regulation (EC) No 1272/2008.

2.2. Label elements

Regulation (EC) No 1272/2008

Precautionary statements

P102 Keep out of reach of children.

Special labelling of certain mixtures

EUH208 Contains 1,2-Benzisothiazolin-3-one, reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction.

EUH210 Safety data sheet available on request.

Additional advice on labelling

The product contains titanium dioxide < 1%. Only few colours may contain higher amounts. Titanium dioxide used is free of labelling, since it contains < 1% particles with aerodynamic diameter < 10µm. Due to highly viscous consistency of the product, formation of an aerosol or dust during processing is not possible. Labelling with EUH 211/212 therefore is not intended.

2.3. Other hazards

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII. This article doesn't contain hazardous substances or mixtures intended to be released under normal or reasonably foreseeable conditions of use.

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SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hazardous components

CAS-NO.	CHEMICAL NAME	QUANTITY
	EC No Index No REACH No GHS Classification	
13463-67-7	Titanium dioxide 236-675-5 01-2119489379-17	0 – 2,5%
2634-33-5	1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one 220-120-9 613-088-00-6 Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, Skin Sens. 1, Aquatic Acute 1; H302 H315 H318 H317 H400	< 0,036 %
55965-84-9	Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) 613-167-00-5 Acute Tox. 2, Acute Tox. 2, Acute Tox. 3, Skin Corr. 1C, Eye Dam. 1, Skin Sens. 1A, Aquatic Acute 1, Aquatic Chronic 1; H330 H310 H301 H314 H318 H317 H400 H410 EUH071	< 0,0015 %

Full text of H and EUH statements: see section 16.

Specific Conc. Limits, M-factors and ATE

CAS-NO.	EG-No	CHEMICAL NAME	QUANTITY
	Specific Conc. Limits, M-factors and ATE		
13463-67-7	236-675-5	Titanium dioxide	0 – 2,5%
	Inhalation: LC50 = > 6,8 mg/l (vapours); oral: LD50 = >5000 mg/kg		
2634-33-5	220-120-9	1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one	< 0,036 %
	Oral: ATE = 500 mg/kg Skin Sens. 1; H317: >= 0,05 - 100		
55965-84-9		Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	< 0,0015 %
	Inhalation: ATE = 0,5 mg/l (vapours); inhalation: ATE = 0,05 mg/l (dusts or mists); dermal: ATE = 50 mg/kg; oral: ATE = 100 mg/kg Skin Corr. 1C; H314: >= 0,6 - 100 Skin Irrit. 2; H315: >= 0,06 - < 0,6 Eye Dam. 1; H318: >= 0,6 - 100 Eye Irrit. 2; H319: >= 0,06 - < 0,6 Skin Sens. 1A; H317: >= 0,0015 - 100 M acute; H400: M=100 M chron.; H410: M=100		

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SECTION 4: First aid measures

4.1. Description of first aid measures

After inhalation

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

After contact with skin

Change contaminated, saturated clothing. After contact with skin, wash immediately with plenty of water and soap. In case of skin irritation, consult a physician.

After contact with eyes

Rinse immediately carefully and thoroughly with eyebath or water. In case of eye irritation consult an ophthalmologist.

After ingestion

Rinse mouth thoroughly with water. Do NOT induce vomiting. Call a doctor if you feel unwell.

4.2. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Carbon dioxide (CO₂). Extinguishing powder. Water spray jet. Foam. Co-ordinate fire-fighting measures to the fire surroundings.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products.

5.3. Advice for firefighters

Use suitable breathing apparatus. Protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General advice

Personal protection equipment: see section 8

For non-emergency personnel

No special measures are necessary.

For emergency responders

No special measures are necessary.

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

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6.3. Methods and material for containment and cleaning up

For containment

Take up mechanically. After curing, product can be disposed of with domestic or commercial waste. Non-cured material has to be handled as special waste.

For cleaning up

Clean with a cloth immediatly. After curing, the product can be removed in most cases only mechanically.

Other information

Treat the recovered material as prescribed in the section on waste disposal.

6.4. Reference to other sections

Personal protection equipment: see section 8

Disposal: see section 13

Safe handling: see section 7

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Ensure sufficient ventilation

Advice on general occupational hygiene

When using do not eat, drink, smoke, sniff.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep/Store only in original container. Ensure adequate ventilation of the storage area. Avoid high temperatures or direct sunlight.

7.3. Specific end use(s)

No data available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

DNEL/DMEL values

CAS-NO.	Name of agent			
DNEL TYPE	Exposure route	Effect	Value	
13463-67-7	Titanium dioxide			
Worker DNEL, long-term	Inhalation	Systemic	10 mg/m3	

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PNEC values

CAS-NO.	Name of agent	Value
13463-67-7	Titanium dioxide	
Freshwater		0,184 mg/l
Marine water		0,018 mg/l
Freshwater sediment		1000 mg/kg
Marine sediment		100 mg/kg
Micro-organisms in sewage treatment plants (STP)		100 mg/l
Soil		100 mg/kg

Additional advice on limit values

To date, no national critical limit values exist.

8.2. Exposure controls

Individual protection measures, such as personal protective equipment

Eye/face protection

Eyeglasses with side protection.

Hand protection

Recommended glove material: E.g. butyl gloves, nitrile gloves

Recommended glove thickness: > 0,4 mm

Permeation time (maximum wear duration): > 1 h.

Skin protection

Protective clothing.

Respiratory protection

Usually no personal respiratory protection necessary.

Thermal hazards

Not applicable

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	solid: Paste
Colour:	various
Odour:	characteristic
Odour threshold:	not determined

Changes in the physical state

Melting point/freezing point:	not applicable
Boiling point or initial boiling point and boiling range:	not determined
Sublimation point:	not applicable
Softening point:	not determined

Test method

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Flash point:	> 150 °C	DIN ISO 2592
Lower explosion limits:	not applicable	
Upper explosion limits:	not applicable	
Auto-ignition temperature:	not determined	
Decomposition temperature:	not determined	
pH-Value (at 20 °C):	ca. 8	
Viscosity / dynamic:	not determined	DIN 51550
Viscosity / kinematic: (at 40 °C)	> 1000 mm ² /s	ISO 3219
Water solubility:	not determined	
Partition coefficient n-octanol/water:	not determined	
Vapour pressure:	not determined	
Density:	ca. 1,4 - ca. 1,8 g/cm ³	

9.2. Other information

Information with regard to physical hazard classes

Sustaining combustion: N No data available

Other safety characteristics

Solvent content: VOC: < 20 g/l (2004/42 EG)
VOC (CH): < 20 g/kg

Further Information

Not applicable.

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is stable under storage at normal ambient temperatures.

10.2. Chemical stability

Stable under recommended storage and handling conditions.

10.3. Possibility of hazardous reactions

May form hazardous decomposition products when exposed to high temperatures.

10.4. Conditions to avoid

Avoid high temperatures or direct sunlight and frost.

10.5. Incompatible materials

Acid. Oxidising agent, strong. Reducing agent, strong.

10.6. Hazardous decomposition products

Hazardous combustion products

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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.

CAS-NO.	Chemical name	Exposure route	Dose	Species	Source	Method
13463-67-7	Titanium dioxide	Oral	LD50 >5000 mg/kg	Ratte		
		Inhalation (4u) vapour	LC50 > 6,8 mg/l	Ratte		
2634-33-5	1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one	Oral	ATE 500 mg/kg			
55965-84-9	Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	Oral	ATE 100 mg/kg			
		Dermal	ATE 50 mg/kg			
		Inhalation vapour	ATE 0,5 mg/l			
		Inhalation dust/mist	ATE 0,05 mg/l			

Irritation and corrosivity

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

Sensitising effects

Contains 1,2-Benzisothiazolin-3-one, reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction.

Carcinogenic/mutagenic/toxic effects for reproduction

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.

11.2. Information on other hazards

Endocrine disrupting properties

This substance does not have endocrine disrupting properties with respect to humans.

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Other information

No data available

SECTION 12: Ecological information

12.1. Toxicity

CAS-NO.	CHEMICAL NAME					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
13463-67-7	Titanium dioxide					
	Acute fish toxicity	LC50 > 1000 mg/l	96 h	Pimephales promelas		
	Acute algae toxicity	ErC50 61 mg/l	72 h	Pseudokirchneriella subcapitata		
	Acute crustacea toxicity	EC50 > 1000 mg/l	48 h	Daphnia magna		

12.2. Persistence and degradability

Not readily biodegradable (according to OECD criteria).

12.3. Bioaccumulative potential

No indication of bioaccumulation potential.

12.4. Mobility in soil

Slightly soluble.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.
This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7. Other adverse effects

No indication of other harmful effects.

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SECTION 13: Disposal considerations

13.1. A Waste treatment methods

Disposal recommendations

After curing, product can be disposed of with domestic or commercial waste. Non-cured material has to be handled as special waste.

List of Wastes Code - residues/unused products

080410 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU of adhesives and sealants (including waterproofing products); waste adhesives and sealants other than those mentioned in 08 04 09.

List of Wastes Code - contaminated packaging

080410 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU of adhesives and sealants (including waterproofing products); waste adhesives and sealants other than those mentioned in 08 04 09.

Contaminated packaging

The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number or ID number:	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4. Packing group:	No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)

14.1. UN number or ID number:	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4. Packing group:	No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

14.1. UN number or ID number:	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4. Packing group:	No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or ID number:	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es):	No dangerous good in sense of this transport regulation.

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14.4. Packing group: No dangerous good in sense of this transport regulation.

14.5. Environmental hazards
ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user
No dangerous good in sense of this transport regulation.

14.7. Maritime transport in bulk according to IMO instruments
No dangerous good in sense of this transport regulation.

SECTION 15: Regulatory information

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

EU regulatory information

Restrictions on use (REACH, annex XVII): Entry 75

Additional information

Biocidal Products Regulation (EU 528/2012): "Contains a biocide: CIT/MIT (3:1), BIT. May produce an allergic reaction."

National regulatory information

Water hazard class (D): 1 - slightly hazardous to water

15.2. Chemical safety assessment

For this substance a chemical safety assessment has not been carried out.

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SECTION 16: Other information

Changes

This data sheet contains changes from the previous version section(s): 2,15.

Relevant H and EUH statements (number and full text)

H301	Toxic if swallowed.
H302	Harmful if swallowed.
H310	Fatal in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H330	Fatal if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
EUH071	Corrosive to the respiratory tract.
EUH208	Contains 1,2-Benzisothiazolin-3-one, reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction.
EUH210	Safety data sheet available on request.

Further Information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)

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