

Safety Data Sheet

SEAL-IT® 125 PLASTER-FILL

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® 125 PLASTER-FILL

Article number: SI-125-XXXX-005

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.

2.3. Other hazards

Product does contain > 1% titanium dioxide. Due to highly viscous consistency of the product, formation of an aerosol or dust during processing is not possible. In addition, all particles of titanium dioxide are well bound within the polymer matrix. Labelling with EUH 211/212 therefore is not applied.

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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Further Information

Depending on colour, the product contains up to 2,5% titanium dioxide. Titanium dioxide used is free of labelling, since it contains < 1% particles with aerodynamic diameter < 10µm.

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.

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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.

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 immediately. 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

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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	Exposure route	Effect	Value
DNEL TYPE				
13463-67-7	Titanium dioxide			
Worker DNEL, long-term		Inhalation	Systemic	10 mg/m ³

PNEC values

CAS-NO.	Name of agent	Value
Environmental compartment		
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.

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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 respirative 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

		Test method
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	
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:	0,5 – 0,8 g/cm ³ .	
Bulk density:		ISO 1183 (A)

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9.2. Other information

Information with regard to physical hazard classes

Sustaining combustion:

No data available

UN Test L.2

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.

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 (4h) 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			

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| 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.

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).

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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.

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.

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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.
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

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

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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