

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

EGO SMP 818

Revision: 23.01.2026

Product code: 418000000

Page 1 of 10

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

EGO SMP 818

Product group: MS polymers

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

Sealant

1.3. Details of the supplier of the safety data sheet

Company name:	EGO Dichtstoffwerke GmbH & Co. Betriebs KG		
Street:	Kaltenbrunn 27		
Place:	D-82467 Garmisch-Partenkirchen		
Telephone:	+49 (0)8821 956 90	Telefax:	+49 (0)8821 956 990
E-mail:	info@ego.de		
Contact person:	Laboratory	Telephone:	+49 (0)8821 956 960
E-mail:	EGO-Labor@ego.de		
Internet:	www.ego.de		

1.4. Emergency telephone number: +49 55119240 (24h/7d)
GIZ-Nord, Göttingen
Member of EPECs network

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****Hazard statements**

EUH208	Contains the biocide active ingredient "2-octyl-2H-isothiazol-3-one" for protection against mold. Keep out of the reach of children. Contains 2-octyl-2H-isothiazol-3-one, Trimethoxyvinylsilan. May produce an allergic reaction.
EUH210	Safety data sheet available on request.

2.3. Other hazards

No risks worthy of mention.

SECTION 3: Composition/information on ingredients**3.2. Mixtures****Chemical characterization**

preparation from MS polymer, fillers and auxiliary agents

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

EGO SMP 818

Revision: 23.01.2026

Product code: 418000000

Page 2 of 10

Relevant ingredients

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (Regulation (EC) No 1272/2008)			
2768-02-7	Trimethoxyvinylsilan			< 1 %
	220-449-8		01-2119513215-52	
	Flam. Liq. 3, Acute Tox. 4, Skin Sens. 1B; H226 H332 H317			
26530-20-1	2-octyl-2H-isothiazol-3-one			< 0.0015 %
	247-761-7	613-112-00-5		
	Acute Tox. 2, Acute Tox. 3, Acute Tox. 3, Skin Corr. 1, Eye Dam. 1, Skin Sens. 1A, Aquatic Acute 1, Aquatic Chronic 1; H330 H311 H301 H314 H318 H317 H400 H410 EUH071			

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

Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
		Specific Conc. Limits, M-factors and ATE	
2768-02-7	220-449-8	Trimethoxyvinylsilan	< 1 %
		inhalation: LC50 = 16,8 mg/l (vapours); inhalation: ATE = 1,5 mg/l (dusts or mists); dermal: LD50 = 3200 mg/kg; oral: LD50 = 7120 mg/kg	
26530-20-1	247-761-7	2-octyl-2H-isothiazol-3-one	< 0.0015 %
		inhalation: ATE 0,27 mg/l (dusts or mists); dermal: ATE 311 mg/kg; oral: ATE 125 mg/kg Skin Sens. 1A; H317: >= 0,0015 - 100 Aquatic Acute 1; H400: M=100 Aquatic Chronic 1; H410: M=100	

Further Information

The light color settings of this product contain titanium dioxide. Pay attention to proper use. See further information in sections 6.1 and 7.1.

SECTION 4: First aid measures**4.1. Description of first aid measures****General information**

No hazards which require special first aid measures.

Change contaminated clothing.

In case of accident or if you feel unwell, seek medical advice immediately (show the packaging, label or safety data sheet if possible).

After inhalation

Move to fresh air. If symptoms persist, call a physician.

After contact with skin

Remove mechanically (e.g. dab away using wadding or cellulose material) then thoroughly wash the affected skin with a mild cleanser and water.

After contact with eyes

After contact with eye rinse immediately with lot of water at least 5 minutes with open eyelid. Subsequently consult an ophthalmologist. If easy to do, remove contact lens, if worn.

After ingestion

Rinse mouth thoroughly with water. In case of accident or if you feel unwell, seek medical advice immediately (show the packaging, label or safety data sheet if possible).

Possible decomposition products in case of hydrolysis are: Methanol

4.2. Most important symptoms and effects, both acute and delayed

None known.

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

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

EGO SMP 818

Revision: 23.01.2026

Product code: 418000000

Page 3 of 10

This information is not available.

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**Foam. Dry extinguishing powder. Carbon dioxide (CO₂). Atomized water.

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media

High power water jet.

5.2. Special hazards arising from the substance or mixtureIn the event of fire the following can be released: Carbon dioxide (CO₂), Carbon monoxide.**5.3. Advice for firefighters**

Protective clothing. In case of fire: Wear self-contained breathing apparatus.

Prevent fire extinguishing water from contaminating surface water or the ground water system.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures****General advice**

Wear suitable protective clothing.

Avoid contact with the skin and the eyes. Ensure adequate ventilation.

If the dried product is removed mechanically, then respirable titanium dioxide particles can be atomized. A fine dust mask FFP3 (EN 149) must therefore be worn to protect the respiratory tract.

For non-emergency personnel

Remove from all sources of ignition. Provide adequate ventilation. Wear personal protection equipment.

For emergency responders

Wear personal protection equipment.

6.2. Environmental precautions

Do not flush into surface water or sanitary sewer system.

If the product contaminates rivers and lakes or drains inform respective authorities.

6.3. Methods and material for containment and cleaning up**For containment**

Cover the sewers.

For cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Collect mechanically. Dispose of in accordance with local regulations. Cleaning with white-spirit possible.

Other information

Ensure adequate ventilation.

6.4. Reference to other sections

See protective measures under point 7 and 8.

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

Provide adequate ventilation. Avoid contact with skin, eye and clothing.

When using do not eat, drink or smoke. Wash hands when done working with material; at breaks, lunch, shift changes, etc.

A fine dust mask FFP 3 (EN 149) must be worn when removing dried product residues.

Advice on protection against fire and explosion

No special precautions required.

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

EGO SMP 818

Revision: 23.01.2026

Product code: 418000000

Page 4 of 10

Advice on general occupational hygiene

Take off all contaminated clothing immediately.

When using, do not eat, drink or smoke. Wash hands when done working with material; at breaks, lunch, shift changes, etc.

Handle in accordance with good industrial hygiene and safety practice.

7.2. Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Keep containers tightly closed in a dry, cool and well-ventilated place.

Hints on joint storage

Not required.

Further information on storage conditions

Keep containers dry and tightly closed to avoid moisture absorption and contamination.

7.3. Specific end use(s)

Sealant

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****PNEC values**

CAS No	Name of agent	
Environmental compartment		Value
2768-02-7	Trimethoxyvinylsilan	
Freshwater		0,34 mg/l
Freshwater (intermittent releases)		3,4 mg/l
Marine water		0,034 mg/l
Freshwater sediment		0,27 mg/kg
Micro-organisms in sewage treatment plants (STP)		110 mg/l
Soil		0,046 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**

Safety glasses

Hand protection

Avoid contact with skin.

Protective gloves complying with EN 374. Suitable material: butyl-rubber, Nitrile rubber, PVC, Chloroprene, Fluorinated rubber, Natural Rubber.

Wearing time >480 minutes

Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact).

Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.

Skin protection

Protective suit

Respiratory protection

No personal respiratory protective equipment normally required.

Provide adequate ventilation.

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

EGO SMP 818

Revision: 23.01.2026

Product code: 418000000

Page 5 of 10

Thermal hazards

Do not heat the product.

Under fire conditions: Flame-resistant clothing

Low temperature resistant gloves: not required

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state:	Paste	
Colour:	various	
Odour:	odourless	
Melting point/freezing point:		not determined
Boiling point or initial boiling point and boiling range:		not determined
Flammability:		not applicable
Lower explosion limits:		not determined
Upper explosion limits:		not determined
Flash point:		not determined
Auto-ignition temperature:		not determined
Decomposition temperature:		not determined
pH-Value:		not determined
Viscosity / kinematic:		not determined
Water solubility:		insoluble
Vapour pressure:		not determined
Density:		ca. 1,4 g/cm ³
Particle characteristics:		not applicable

9.2. Other information**Information with regard to physical hazard classes****Explosive properties**

The product is: not Explosive.

Self-ignition temperature

Solid:

not auto-flammable

Other safety characteristics

Viscosity / dynamic:

not determined

Further Information

The product is: not auto-flammable

SECTION 10: Stability and reactivity**10.2. Chemical stability**

The product is chemically stable.

No decomposition if used as directed.

10.3. Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use.

10.4. Conditions to avoid

Exposure to moisture.

10.5. Incompatible materials

None known.

10.6. Hazardous decomposition products

None known.

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

EGO SMP 818

Revision: 23.01.2026

Product code: 418000000

Page 6 of 10

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

Health injuries are not known or expected under normal use.

ATEmix calculated

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
2768-02-7	Trimethoxyvinylsilan				
	oral	LD50 7120 mg/kg	rat	OECD Test Guideline 401	
	dermal	LD50 3200 mg/kg	rabbit	OECD Test Guideline 402	
	inhalation (4 h) vapour	LC50 16,8 mg/l	rat	OECD Test Guideline 403	
	inhalation dust/mist	ATE 1,5 mg/l			
26530-20-1	2-octyl-2H-isothiazol-3-one				
	oral	ATE 125 mg/kg			
	dermal	ATE 311 mg/kg			
	inhalation dust/mist	ATE 0,27 mg/l			

Irritation and corrosivity

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

Sensitising effects

May produce an allergic reaction.

Carcinogenic/mutagenic/toxic effects for reproduction

None known.

STOT-single exposure

None known.

STOT-repeated exposure

None known.

Aspiration hazard

None known.

Information on likely routes of exposure

Skin contact

Practical experience

None known.

11.2. Information on other hazards**Further information**

Health injuries are not known or expected under normal use.

SECTION 12: Ecological information**12.1. Toxicity**

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

EGO SMP 818

Revision: 23.01.2026

Product code: 418000000

Page 7 of 10

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
2768-02-7	Trimethoxyvinylsilan					
	Acute fish toxicity	LC50	191 mg/l	96 h	Oncorhynchus mykiss (rainbow trout)	
	Acute crustacea toxicity	EC50	169 mg/l	48 h	Daphnia magna (Water flea)	
	Algae toxicity	NOEC	25 mg/l	3 d	Scenedesmus capricornutum (fresh water algae)	
	Crustacea toxicity	NOEC	28 mg/l	21 d	Daphnia magna (Water flea)	

12.2. Persistence and degradability

CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
2768-02-7	Trimethoxyvinylsilan			
		51 %	28	
	Readily biodegradable.			

12.3. Bioaccumulative potential

This information is not available.

12.4. Mobility in soil

This information is not available.

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.

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

This information is not available.

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Disposal recommendations**

Dispose of waste according to applicable local, state, and federal regulations.

List of Wastes Code - residues/unused products

080409 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 containing organic solvents or other hazardous substances; hazardous waste

List of Wastes Code - used product

080409 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 containing organic solvents or other hazardous substances; hazardous waste

Contaminated packaging

Dispose of waste according to applicable local, state, and federal regulations.

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

EGO SMP 818

Revision: 23.01.2026

Product code: 418000000

Page 8 of 10

SECTION 14: Transport information**Land transport (ADR/RID)**

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

Marine transport (IMDG)

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

Marine pollutant:

no

Air transport (ICAO-TI/IATA-DGR)

<u>14.1. UN number or ID number:</u>	No dangerous good in sense of this transport regulation.
<u>14.2. UN proper shipping name:</u>	No dangerous good in sense of this transport regulation.
<u>14.3. Transport hazard class(es):</u>	No dangerous good in sense of this transport regulation.
<u>14.4. Packing group:</u>	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 69, Entry 75

National regulatory information

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

SECTION 16: Other information

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

EGO SMP 818

Revision: 23.01.2026

Product code: 418000000

Page 9 of 10

Abbreviations and acronyms

Flam. Liq. 3: Flammable liquids, hazard category 3
Acute Tox. 2: Acute toxicity, hazard category 2
Acute Tox. 3: Acute toxicity, hazard category 3
Acute Tox. 4: Acute toxicity, hazard category 4
Skin Corr. 1: Skin corrosion, hazard category 1
Eye Dam. 1: Serious eye damage, hazard category 1
Skin Sens. 1A: Skin sensitisation, hazard category 1A
Skin Sens. 1B: Skin sensitisation, hazard category 1B
Aquatic Acute 1: Hazardous to the aquatic environment, hazard category: Acute 1
Aquatic Chronic 1: Hazardous to the aquatic environment, long-term hazard category: Chronic 1
CLP: Classification, labelling and Packaging
REACH: Registration, Evaluation and Authorization of Chemicals
GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals
UN: United Nations
CAS: Chemical Abstracts Service
DNEL: Derived No Effect Level
DMEL: Derived Minimal Effect Level
PNEC: Predicted No Effect Concentration
ATE: Acute toxicity estimate
LC50: Lethal concentration, 50%
LD50: Lethal dose, 50%
LL50: Lethal loading, 50%
EL50: Effect loading, 50%
EC50: Effective Concentration 50%
ErC50: Effective Concentration 50%, growth rate
NOEC: No Observed Effect Concentration
BCF: Bio-concentration factor
PBT: persistent, bioaccumulative, toxic
vPvB: very persistent, very bioaccumulative
ADR: Accord européen sur le transport des marchandises dangereuses par Route
(European Agreement concerning the International Carriage of Dangerous Goods by Road)
RID: Regulations concerning the international carriage of dangerous goods by rail
ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
(Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures)
IMDG: International Maritime Code for Dangerous Goods
EmS: Emergency Schedules
MFAG: Medical First Aid Guide
IATA: International Air Transport Association
ICAO: International Civil Aviation Organization
MARPOL: International Convention for the Prevention of Marine Pollution from Ships
IBC: Intermediate Bulk Container
VOC: Volatile Organic Compounds
SVHC: Substance of Very High Concern

Relevant H and EUH statements (number and full text)

H226	Flammable liquid and vapour.
H301	Toxic if swallowed.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H330	Fatal if inhaled.
H332	Harmful if inhaled.
H400	Very toxic to aquatic life.

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

EGO SMP 818

Revision: 23.01.2026

Product code: 418000000

Page 10 of 10

H410	Very toxic to aquatic life with long lasting effects.
EUH071	Corrosive to the respiratory tract.
EUH208	Contains the biocide active ingredient "2-octyl-2H-isothiazol-3-one" for protection against mold. Keep out of the reach of children. Contains 2-octyl-2H-isothiazol-3-one, Trimethoxyvinylsilan. May produce an allergic reaction.
EUH210	Safety data sheet available on request.

Further Information

These data describe only the safety requirements for the product(s) and are based on our present knowledge. However, they do not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

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