



**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**EGO SMP 818**

Revision date: 18.12.2023

Product code: 418000000

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**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	

**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**

This information is not available.

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**

Foam. Dry extinguishing powder. Carbon dioxide (CO<sub>2</sub>). 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 mixture**

In the event of fire the following can be released: Carbon dioxide (CO<sub>2</sub>), 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**

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**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.

**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**

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**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 &gt;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.

**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

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pH-Value:	not determined
Viscosity / kinematic:	not determined
Water solubility:	insoluble
Vapour pressure:	not determined
Density:	ca. 1,4 g/cm <sup>3</sup>
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.

**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) &gt; 2000 mg/kg; ATE (dermal) &gt; 2000 mg/kg; ATE (inhalation vapour) &gt; 20 mg/l; ATE (inhalation dust/mist) &gt; 5 mg/l

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
2768-02-7	Trimethoxyvinylsilan				
	oral	LD50 mg/kg	7120	rat	OECD Test Guideline 401
	dermal	LD50 mg/kg	3200	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		

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**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**

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.

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**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.

**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.

**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.  
Marine pollutant: no

**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.

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**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

**National regulatory information**

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

**SECTION 16: Other information****Abbreviations and acronyms**

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

Flam. Liq: Flammable liquid

Acute Tox: Acute toxicity

Skin Sens: Skin sensitisation

**Relevant H and EUH statements (number and full text)**

H226 Flammable liquid and vapour.

H317 May cause an allergic skin reaction.

H332 Harmful if inhaled.



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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.

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