



# SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:  
Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008  
This SDS is for generic information purposes and does not reflect required country specific information for OEL

**BOSTIK PERFECT SEAL KITCHEN AND BATHROOM  
TRANSPARENT**  
Supersedes Date: 25-Aug-2022

Revision date 11-Sep-2022

Revision Number 1.05

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

### 1.1. Product identifier

**Product Name** BOSTIK PERFECT SEAL KITCHEN AND BATHROOM TRANSPARENT

**Pure substance/mixture** Mixture

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

**Recommended use** Sealant

**Uses advised against** None known.

### 1.3. Details of the supplier of the safety data sheet

#### **Company Name**

Bostik SA  
420 rue d'Estienne d'Orves  
92700 Colombes  
FRANCE  
Tel: +33 (0)1 49 00 90 00

**E-mail address** SDS.box-EU@bostik.com

### 1.4. Emergency telephone number

**Emergency Telephone**

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

<b>Chronic aquatic toxicity</b>	Category 3 - (H412)
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### 2.2. Label elements

#### **Hazard statements**

H412 - Harmful to aquatic life with long lasting effects

#### **EU Specific Hazard Statements**

EUH210 - Safety data sheet available on request

EUH208 - Contains 3-aminopropyltriethoxysilane & 2-octyl-2H-isothiazol-3-one [OIT]. May produce an allergic reaction

#### **Precautionary Statements - EU (§28, 1272/2008)**

P101 - If medical advice is needed, have product container or label at hand

P102 - Keep out of reach of children

### 2.3. Other hazards

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Small amounts of methanol (CAS 67-56-1) are formed by hydrolysis and released upon curing. Small amounts of ethanol (CAS 64-17-5) are formed by hydrolysis and released upon curing. Small amounts of 2-Pentanone oxime (CAS 623-40-5) are formed by hydrolysis and released upon curing. Harmful to aquatic life.

## PBT & vPvB

This mixture contains substances considered to be very persistent and very bioaccumulating (vPvB). This mixture contains substances considered to be persistent, bio-accumulating and toxic (PBT).

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

Not applicable

### 3.2 Mixtures

Chemical name	EC No (EU Index No).	CAS No.	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Specific concentration limit (SCL)	M-Factor	M-Factor (long-term)	REACH registration number
Silica, amorphous 5 - <10 %	231-545-4	7631-86-9	[B]	-	-	-	01-2119379499-16-XXXX
2-Pentandione, O,O',O''-(methylsilylylidene)trioxime 1 - <5 %	484-460-1	37859-55-5	Acute Tox. 4 (H302) Eye Irrit. 2 (H319)	-	-	-	01-2120004323-76-XXXX
3-aminopropyltriethoxysilane 0.1- <1 %	213-048-4	919-30-2	Skin Corr. 1B (H314) Eye Dam. 1 (H318) Skin Sens. 1 (H317) Acute Tox. 4 (H302)	-	-	-	01-2119480479-24-XXXX
Octamethylcyclotetrasiloxane [D4] 0.01 - <0.1 %	209-136-7	556-67-2	Repr. 2 (H361f) Aquatic Chronic 1 (H410) Flam. Liq. 3 (H226) [G]	-	10	10	01-2119529238-36-XXXX
2-octyl-2H-isothiazol-3-one [OIT] 0.0025 - <0.01 %	247-761-7	26530-20-1	Acute Tox. 3 (H301) Acute Tox. 3 (H311) Acute Tox. 2 (H330) Skin Corr. 1B (H314) Eye Dam 1 (H318) Skin Sens. 1A (H317) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)	Skin Sens. 1A :: C>=0.0015%	100	100	-

### Air contaminants formed when using the substance or mixture as intended

Chemical name	EC No (EU Index No)	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Specific concentration limit (SCL)	M-Factor	M-Factor (long-term)	REACH registration number
2-Pentanone oxime 623-40-5	484-470-6	1 - <2.5	Acute Tox. 4 (H302) Eye Irrit. 2 (H319) Aquatic Chronic 3 (H412)	-	-	-	01-211998007-9-27-XXXX
Ethanol 64-17-5	200-578-6	1 - <2.5	Flam. Liq. 2 (H225) Eye Irrit. 2 (H319)	-	-	-	01-211945761-0-43-XXXX
Methyl alcohol 67-56-1	200-659-6	1 - <2.5	Acute Tox. 3 (H301) Acute Tox. 3 (H311) Acute Tox. 3 (H331)	STOT SE 1 :: C>=10% STOT SE 2 ::	-	-	01-211943330-7-44-XXXX

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			STOT SE 1 (H370) Flam. Liq. 2 (H225)	3%<=C<10%			
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**Full text of H- and EUH-phrases: see section 16**

*Classification according to Regulation (EC) No. 1272/2008 [CLP] - Notes*

[B] - Substance with a Community workplace exposure limit

[G] - This substance meets the PBT criteria of REACH, annex XIII

This substance meets the vPvB criteria of REACH, annex XIII

## Acute Toxicity Estimate

If LD50/LC50 data is not available or does not correspond to the classification category, then the appropriate conversion value from CLP Annex I, Table 3.1.2, is used to calculate the acute toxicity estimate (ATEmix) for classifying a mixture based on its components

Chemical name	EC No (EU Index No)	CAS No	Oral LD50 mg/kg	Dermal LD50 mg/kg	Inhalation LC50 - 4 hour - dust/mist - mg/L	Inhalation LC50 - 4 hour - vapour - mg/L	Inhalation LC50 - 4 hour - gas - ppm
Silica, amorphous	231-545-4	7631-86-9	-	-	-	-	-
2-Pentandione, O,O',O''-(methylsilylydine)trioxime	484-460-1	37859-55-5	1234	-	-	-	-
3-aminopropyltriethoxy silane	213-048-4	919-30-2	1490	-	-	-	-
Octamethylcyclotetrasiloxane [D4]	209-136-7	556-67-2	-	-	-	-	-
2-octyl-2H-isothiazol-3-one [OIT]	247-761-7	26530-20-1	125 <sup>+</sup>	311 <sup>+</sup>	0.27 <sup>+</sup>	0.27 <sup>+</sup>	0.27 <sup>+</sup>

This product does not contain candidate substances of very high concern at a concentration  $\geq 0.1\%$  (Regulation (EC) No. 1907/2006 (REACH), Article 59)

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

<b>General advice</b>	Show this safety data sheet to the doctor in attendance. If medical advice is needed, have product container or label at hand.
<b>Inhalation</b>	Remove to fresh air. If symptoms persist, call a doctor.
<b>Eye contact</b>	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Consult an ophthalmologist.
<b>Skin contact</b>	Wash skin with soap and water. In the case of skin irritation or allergic reactions see a doctor.
<b>Ingestion</b>	If swallowed, rinse mouth with water (only if the person is conscious). Never give anything by mouth to an unconscious person. Rinse mouth thoroughly with water. Drink 1 or 2 glasses of water. Do NOT induce vomiting.

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

**Symptoms** None known.

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

**Note to doctors** Small amounts of methanol (CAS 67-56-1) are formed by hydrolysis and released upon curing. Small amounts of methanol (CAS 67-56-1) are formed by hydrolysis and released, when the product is exposed to moisture or water.

## **SECTION 5: Firefighting measures**

### 5.1. Extinguishing media

**Suitable Extinguishing Media** Water spray, carbon dioxide (CO<sub>2</sub>), dry chemical, alcohol-resistant foam.

**Unsuitable extinguishing media** Full water jet. Do not scatter spilled material with high pressure water streams.

### 5.2. Special hazards arising from the substance or mixture

**Specific hazards arising from the chemical** Thermal decomposition can lead to release of irritating gases and vapours.

**Hazardous combustion products** Carbon oxides. Carbon dioxide (CO<sub>2</sub>). Silicon dioxide. Thermal decomposition can lead to release of irritating and toxic gases and vapours.

### 5.3. Advice for firefighters

**Special protective equipment and precautions for fire-fighters** Wear self contained breathing apparatus for fire fighting if necessary.

## **SECTION 6: Accidental release measures**

### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions** Do not get in eyes, on skin, or on clothing. Use personal protective equipment as required. Ensure adequate ventilation.

**For emergency responders** Use personal protection recommended in Section 8.

### 6.2. Environmental precautions

**Environmental precautions** Prevent product from entering drains. Do not allow to enter into soil/subsoil. See Section 12 for additional Ecological Information.

### 6.3. Methods and material for containment and cleaning up

**Methods for containment** Do not scatter spilled material with high pressure water streams. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers.

**Methods for cleaning up** Take up mechanically, placing in appropriate containers for disposal.

**Prevention of secondary hazards** Clean contaminated objects and areas thoroughly observing environmental regulations.

### 6.4. Reference to other sections

**Reference to other sections** See section 8 for more information. See section 13 for more information.

## **SECTION 7: Handling and storage**

### 7.1. Precautions for safe handling

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**Advice on safe handling** Ensure adequate ventilation.

**General hygiene considerations** Do not eat, drink or smoke when using this product. Wash hands before breaks and after work. Take off all contaminated clothing and wash it before reuse.

## 7.2. Conditions for safe storage, including any incompatibilities

**Storage Conditions** Protect from moisture. Keep away from food, drink and animal feedingstuffs. Do not freeze.

**Recommended storage temperature** Keep at temperatures between 10 and 35 °C.

## 7.3. Specific end use(s)

**Specific use(s)**  
Sealant.

**Risk Management Methods (RMM)** The information required is contained in this Safety Data Sheet.

**Other information** Observe technical data sheet.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

**Exposure Limits** Small amounts of ethanol (CAS 64-17-5) are formed by hydrolysis and released upon curing Small amounts of methanol (CAS 67-56-1) are formed by hydrolysis and released upon curing

**Only European Community Occupational Exposure Limits will be shown in this document. Please refer to regional SDS for further information.**

Chemical name	European Union
Silica, amorphous 7631-86-9	TWA: 0.1 mg/m <sup>3</sup>
Methyl alcohol 67-56-1	TWA: 200 ppm TWA: 260 mg/m <sup>3</sup> *

**Derived No Effect Level (DNEL)** No information available

Derived No Effect Level (DNEL)			
3-aminopropyltriethoxysilane (919-30-2)			
Type	Exposure route	Derived No Effect Level (DNEL)	Safety factor
worker Long term Systemic health effects	Inhalation	59 mg/m <sup>3</sup>	
worker Short term Systemic health effects	Inhalation	59 mg/m <sup>3</sup>	
worker Long term Systemic health effects	Dermal	8.3 mg/kg bw/d	
worker Short term Systemic health effects	Dermal	8.3 mg/kg bw/d	

Octamethylcyclotetrasiloxane [D4] (556-67-2)			
Type	Exposure route	Derived No Effect Level	Safety factor

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		(DNEL)	
worker Long term Systemic health effects	Inhalation	73 mg/m <sup>3</sup>	

Derived No Effect Level (DNEL)			
3-aminopropyltriethoxysilane (919-30-2)			
Type	Exposure route	Derived No Effect Level (DNEL)	Safety factor
Consumer Long term Systemic health effects	Inhalation	17 mg/m <sup>3</sup>	
Consumer Short term Systemic health effects	Inhalation	17.4 mg/m <sup>3</sup>	
Consumer Long term Systemic health effects	Dermal	5 mg/kg bw/d	
Consumer Short term Systemic health effects	Dermal	5 mg/kg bw/d	

Octamethylcyclotetrasiloxane [D4] (556-67-2)			
Type	Exposure route	Derived No Effect Level (DNEL)	Safety factor
Consumer Long term Systemic health effects	Inhalation	13 mg/m <sup>3</sup>	
Consumer Long term Systemic health effects	Oral	3.7 mg/kg bw/d	

**Predicted No Effect Concentration (PNEC)** No information available.

Predicted No Effect Concentration (PNEC)	
3-aminopropyltriethoxysilane (919-30-2)	
Environmental compartment	Predicted No Effect Concentration (PNEC)
Freshwater	0.33 mg/l
Marine water	0.033 mg/l

Octamethylcyclotetrasiloxane [D4] (556-67-2)	
Environmental compartment	Predicted No Effect Concentration (PNEC)
Freshwater	0.0015 mg/l
Marine water	0.00015 mg/l
Freshwater sediment	3 mg/kg
Marine sediment	0.3 mg/kg
Soil	0.54 mg/kg
Sewage treatment plant	10 mg/l

## 8.2. Exposure controls

**Engineering controls** Ensure adequate ventilation, especially in confined areas.

### Personal protective equipment

#### Eye/face protection

Wear safety glasses with side shields (or goggles). Eye protection must conform to standard EN 166.

#### Hand protection

Wear suitable gloves. Recommended Use: Neoprene™. Nitrile rubber. Butyl rubber.

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<b>Skin and body protection</b>	Glove thickness > 0.7mm. The breakthrough time for the mentioned glove material is in general greater than 480 min. Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves. Gloves must conform to standard EN 374
<b>Respiratory protection</b>	None under normal use conditions. In case of inadequate ventilation wear respiratory protection. Wear a respirator conforming to EN 140 with Type A/P2 filter or better. Ensure adequate ventilation, especially in confined areas.
<b>Recommended filter type:</b>	Organic gases and vapours filter conforming to EN 14387. White. Brown.

**Environmental exposure controls** Do not allow uncontrolled discharge of product into the environment.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

<b>Physical state</b>	Solid
<b>Appearance</b>	Paste
<b>Colour</b>	Colourless
<b>Odour</b>	Characteristic.
<b>Odour threshold</b>	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
<b>Melting point / freezing point</b>	No data available	None known
<b>Initial boiling point and boiling range</b>	No data available °C	
<b>Flammability</b>	Not applicable for liquids .	
<b>Flammability Limit in Air</b>		None known
<b>Upper flammability or explosive limits</b>	No data available	
<b>Lower flammability or explosive limits</b>	No data available	
<b>Flash point</b>	> 100 °C	CC (closed cup)
<b>Autoignition temperature</b>	No data available	
<b>Decomposition temperature</b>		None known
<b>pH</b>	No data available	Not applicable. Insoluble in water.
<b>pH (as aqueous solution)</b>	No data available	None known
<b>Kinematic viscosity</b>	> 21 mm <sup>2</sup> /s	@ 40 °C
<b>Dynamic viscosity</b>	No data available	
<b>Water solubility</b>	Immiscible in water.	
<b>Solubility(ies)</b>	No data available	None known
<b>Partition coefficient</b>	No data available	None known
<b>Vapour pressure</b>	No data available	None known
<b>Relative density</b>	No data available	None known
<b>Bulk Density</b>	No data available	
<b>Density</b>	1.02 g/cm <sup>3</sup>	
<b>Relative vapour density</b>	No data available	None known
<b>Particle characteristics</b>		
<b>Particle Size</b>	No information available	
<b>Particle Size Distribution</b>	No information available	

### 9.2. Other information

<b>Solid content (%)</b>	No information available
<b>VOC content</b>	No data available

9.2.1. Information with regards to physical hazard classes  
Not applicable

9.2.2. Other safety characteristics  
No information available

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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reactivity Product cures with moisture.

### 10.2. Chemical stability

Stability Stable under normal conditions.

### Explosion data

Sensitivity to mechanical impact None.

Sensitivity to static discharge None.

### 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None under normal processing.

### 10.4. Conditions to avoid

Conditions to avoid Product cures with moisture. Protect from moisture. Exposure to air or moisture over prolonged periods. Do not freeze. Keep away from open flames, hot surfaces and sources of ignition.

### 10.5. Incompatible materials

Incompatible materials Strong oxidising agents.

### 10.6. Hazardous decomposition products

Hazardous decomposition products Small amounts of methanol (CAS 67-56-1) are formed by hydrolysis and released upon curing. Small amounts of ethanol (CAS 64-17-5) are formed by hydrolysis and released upon curing.

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Information on likely routes of exposure

#### Product Information

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

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

Skin contact May cause sensitisation in susceptible persons.

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

#### Symptoms related to the physical, chemical and toxicological characteristics

Symptoms No information available.

#### Acute toxicity

#### Numerical measures of toxicity



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The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral) 38,727.60 mg/kg  
ATEmix (dermal) 62,799.00 mg/kg

## Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Silica, amorphous	=7900 mg/kg (Rattus)	> 5000 mg/kg (Oryctolagus cuniculus)	>2.2 mg/L (Rattus) 1 h
2-Pentandione, O,O',O''-(methylsilylidine)trioxime	LD50 =1234 mg/kg bw (Rattus)(OECD guideline 425)	LD50 > 2000 mg/kg (Rattus) EU Method B.3	-
3-aminopropyltriethoxysilane	LD50 = 1490 mg/kg (Rat, female) EPA OTS 798.1175 LD50 = 2690 mg/kg (Rat, male) EPA OTS 798.1175	LD50 = 4076 mg/kg (Oryctolagus cuniculus) EPA OTS 798.1100	LC50 >144 mg/L (6h) Rat (Vapour)
Octamethylcyclotetrasiloxane [D4]	LD50 > 4800 mg/kg (Rattus) OECD 401	LD50 > 2400 mg/kg (Rattus) OECD 402	=36 g/m <sup>3</sup> (Rattus) 4 h
2-octyl-2H-isothiazol-3-one [OIT]	=125 mg/kg (Rattus)	= 690 mg/kg (Oryctolagus cuniculus)	-

## Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Skin corrosion/irritation** Based on available data, the classification criteria are not met.

2-octyl-2H-isothiazol-3-one [OIT] (26530-20-1)

Method	Species	Exposure route	Effective dose	Exposure time	Results
OECD Test No. 404: Acute Dermal Irritation/Corrosion	Rabbit	Dermal			Corrosive

**Serious eye damage/eye irritation** Based on available data, the classification criteria are not met.

**Respiratory or skin sensitisation** May produce an allergic reaction. No classification is proposed, based on conclusive negative data. OECD Test No. 406: Skin Sensitisation. May cause sensitisation in susceptible persons.

Method	Species	Exposure route	Results
OECD Test No. 406: Skin Sensitisation	Guinea pig	Dermal	No sensitisation responses were observed

2-octyl-2H-isothiazol-3-one [OIT] (26530-20-1)

Method	Species	Exposure route	Results
OECD Test No. 429: Skin Sensitisation: Local Lymph Node Assay	Mouse		sensitising

**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.

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The table below indicates ingredients above the cut-off threshold considered as relevant which are listed as reproductive toxins.

Chemical name	European Union
Octamethylcyclotetrasiloxane [D4]	Repr. 2

**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

### 11.2.1. Endocrine disrupting properties

**Endocrine disrupting properties** No information available.

### 11.2.2. Other information

**Other adverse effects** No information available.

## SECTION 12: Ecological information

### 12.1. Toxicity

**Ecotoxicity** Harmful to aquatic life with long lasting effects.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea	M-Factor	M-Factor (long-term)
Silica, amorphous 7631-86-9	EC50: =440mg/L (72h, Pseudokirchneriella subcapitata)	LC50: =5000mg/L (96h, Brachydanio rerio)	-	EC50: =7600mg/L (48h, Ceriodaphnia dubia)		
2-Pentandione, O,O',O''-(methylsilylidine)trioxime 37859-55-5	EC50 (72h) = 88 mg/L (Pseudokirchneriella subcapitata) OECD 201	LC50 (96h) >113 mg/L (Oncorhynchus mykiss) Static (OECD Guideline 203)	-	EC50 (48h) >100 mg/L (Daphnia magna) static (OECD guideline 202)		
3-aminopropyltriethoxy silane 919-30-2	EC50 (72h) >1000 mg/L Green algae (desmodesmus subspicatus) (OECD TG 201)	LC50 (96h) >934 mg/L (Brachydanio rerio) (OECD TG 203)	-	EC50 (48h) =331 mg/L Daphnia magna (OECD TG 202)		
Octamethylcyclotetrasiloxane [D4] 556-67-2	-	LC50: >1000mg/L (96h, Lepomis macrochirus) LC50: >500mg/L (96h, Brachydanio rerio)	-	EC50: =25.2mg/L (24h, Daphnia magna)	10	10
2-octyl-2H-isothiazol-3-one [OIT] 26530-20-1	EC50(72h) = 0.084 mg/L (Scenedesmus subspicatus)	LC50 (96h) = 0.036 mg/L (Oncorhynchus mykiss) (OECD	-	EC50 (48h) =0.42 mg/L (OECD 202)	100	100

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	(OECD 201)	203)				
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## 12.2. Persistence and degradability

**Persistence and degradability** No information available.

Silica, amorphous (7631-86-9)

Method	Exposure time	Value	Results
			The methods for determining biodegradability are not applicable to inorganic substances

Octamethylcyclotetrasiloxane [D4] (556-67-2)  
2-octyl-2H-isothiazol-3-one [OIT] (26530-20-1)

Method	Exposure time	Value	Results
OECD Test No. 309: Aerobic Mineralization in Surface Water - Simulation Biodegradation Test		Half-life 0.6-1.4 d	Readily biodegradable

## 12.3. Bioaccumulative potential

**Bioaccumulation**

### Component Information

Chemical name	Partition coefficient
2-Pentandione, O,O',O''-(methylsilylydyne)trioxime	1.25
3-aminopropyltriethoxysilane	1.7
Octamethylcyclotetrasiloxane [D4]	6.49
2-octyl-2H-isothiazol-3-one [OIT]	2.92

## 12.4. Mobility in soil

**Mobility in soil** No information available.

## 12.5. Results of PBT and vPvB assessment

**PBT and vPvB assessment** The product contains substance(s) classified as PBT or vPvB.

Chemical name	PBT and vPvB assessment
Silica, amorphous	The substance is not PBT / vPvB PBT assessment does not apply
2-Pentandione, O,O',O''-(methylsilylydyne)trioxime	The substance is not PBT / vPvB
3-aminopropyltriethoxysilane	The substance is not PBT / vPvB
Octamethylcyclotetrasiloxane [D4]	PBT & vPvB
2-octyl-2H-isothiazol-3-one [OIT]	The substance is not PBT / vPvB

## 12.6. Endocrine disrupting properties

**Endocrine disrupting properties** No information available.

Component Information		
Octamethylcyclotetrasiloxane [D4] (556-67-2)		
Method	Results	Species
Endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100(3) or Commission Regulation (EU) 2018/605(4).	Negative.	

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## 12.7. Other adverse effects

No information available.

## **SECTION 13: Disposal considerations**

### 13.1. Waste treatment methods

<b>Waste from residues/unused products</b>	Dispose of contents/container in accordance with local, regional, national, and international regulations as applicable.
<b>Contaminated packaging</b>	Handle contaminated packages in the same way as the product itself.
<b>European Waste Catalogue</b>	08 04 09* waste adhesives and sealants containing organic solvents or other dangerous substances
<b>Other information</b>	Waste codes should be assigned by the user based on the application for which the product was used.

## **SECTION 14: Transport information**

### Land transport (ADR/RID)

<b>14.1 UN number or ID number</b>	Not regulated
<b>14.2 Proper Shipping Name</b>	Not regulated
<b>14.3 Transport hazard class(es)</b>	Not regulated
<b>14.4 Packing group</b>	Not regulated
<b>14.5 Environmental hazards</b>	Not applicable
<b>14.6 Special Provisions</b>	None

### IMDG

<b>14.1 UN number or ID number</b>	Not regulated
<b>14.2 Proper Shipping Name</b>	Not regulated
<b>14.3 Transport hazard class(es)</b>	Not regulated
<b>14.4 Packing group</b>	Not regulated
<b>14.5 Marine pollutant</b>	NP
<b>14.6 Special Provisions</b>	None
<b>14.7 Maritime transport in bulk according to IMO instruments</b>	Not applicable

### Air transport (ICAO-TI / IATA-DGR)

<b>14.1 UN number or ID number</b>	Not regulated
<b>14.2 Proper Shipping Name</b>	Not regulated
<b>14.3 Transport hazard class(es)</b>	Not regulated
<b>14.4 Packing group</b>	Not regulated
<b>14.5 Environmental hazards</b>	Not applicable
<b>14.6 Special Provisions</b>	None

## **Section 15: REGULATORY INFORMATION**

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

#### European Union

Take note of Directive 2000/39/EC establishing a first list of indicative occupational exposure limit values

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents

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at work

Check whether measures in accordance with Directive 94/33/EC for the protection of young people at work must be taken.

Take note of Directive 92/85/EC on the protection of pregnant and breastfeeding women at work

## **Registration, Evaluation, Authorization, and Restriction of Chemicals (REACH) Regulation (EC 1907/2006)**

### **SVHC: Substances of Very High Concern for Authorisation:**

This product does not contain candidate substances of very high concern at a concentration  $\geq 0.1\%$  (Regulation (EC) No. 1907/2006 (REACH), Article 59)

### **EU-REACH (1907/2006) - Annex XVII - Substances subject to Restriction**

This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII).

### **Substance subject to authorisation per REACH Annex XIV**

This product does not contain substances subject to authorisation (Regulation (EC) No. 1907/2006 (REACH), Annex XIV)

### **Biocidal Products Regulation (EU) No 528/2012 (BPR)**

This product contains a biocidal product for the preservation of the dry film Contains: 2-octyl-2H-isothiazol-3-one [OIT]

### **Ozone-depleting substances (ODS) regulation (EC) 1005/2009**

Not applicable

### **Persistent Organic Pollutants**

Not applicable

## **National regulations**

### **France**

#### **Occupational Illnesses (R-463-3, France)**

<b>Chemical name</b>	<b>French RG number</b>
Silica, amorphous 7631-86-9	RG 25
2-octyl-2H-isothiazol-3-one [OIT] 26530-20-1	RG 5, RG 14, RG 15, RG 15bis, RG 20bis RG 2, RG 9, RG 14, RG 20, RG 34, RG 65

### **Germany**

#### **Ordinance on Industrial Safety and Health - Germany - BetrSichV**

No flammable liquids in accordance with BetrSichV

**Water hazard class (WGK)** obviously hazardous to water (WGK 2)

**TRGS - 510 Storage Class** Storage Class 13 : Non-combustible solids

### **Netherlands**

#### **List of Carcinogenic, mutagenic and reproductive toxin substances in accordance with Inspectorate SZW (Netherlands)**

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Chemical name	Netherlands - List of Carcinogens
Octamethylcyclotetrasiloxane [D4] 556-67-2	Fertility (Category 2)

## Sweden

Occupational exposure limits AFS 2018:1

## Denmark

Registration number(s) (P-no.) No information available

MAL-Code 00-1 (1993)

AT-Guide C.0.1 August 2007: Limit values for substances and materials

## Norway

Registration number(s) (PRN-no.) No information available

## 15.2. Chemical safety assessment

Chemical Safety Assessments have been carried out by the Reach registrants for substances registered at >10 tpa. No Chemical Safety Assessment has been carried out for this mixture.

## SECTION 16: Other information

### Key or legend to abbreviations and acronyms used in the safety data sheet

#### Full text of H-Statements referred to under section 3

H226 - Flammable liquid and vapour  
H301 - Toxic if swallowed  
H302 - Harmful 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  
H319 - Causes serious eye irritation  
H330 - Fatal if inhaled  
H361f - Suspected of damaging fertility  
H400 - Very toxic to aquatic life  
H410 - Very toxic to aquatic life with long lasting effects

SVHC: Substances of Very High Concern for Authorisation:

PBT: Persistent, Bioaccumulative, and Toxic (PBT) Chemicals

vPvB: Very Persistent and very Bioaccumulative (vPvB) Chemicals

STOT RE: Specific target organ toxicity - Repeated exposure

STOT SE: Specific target organ toxicity - Single exposure

EWC: European Waste Catalogue

LOW: List of Wastes (see <http://ec.europa.eu/environment/waste/framework/list.htm>)

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

IATA: International Air Transport Association

ICAO: ICAO-TI: Technical Instructions for the Safe Transport of Dangerous Goods by Air

IMDG: International Maritime Dangerous Goods

RID: Regulations concerning the International Carriage of Dangerous Goods by Rail

#### Legend SECTION 8: Exposure controls/personal protection

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
AGW	Occupational exposure limit value	BGW	Biological limit value
Ceiling	Maximum limit value	*	Skin designation

Classification procedure	
Classification according to Regulation (EC) No. 1272/2008 [CLP]	Method Used
Acute oral toxicity	Calculation method
Acute dermal toxicity	Calculation method

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Acute inhalation toxicity - gas	Calculation method
Acute inhalation toxicity - Vapour	Calculation method
Acute inhalation toxicity - dust/mist	Calculation method
Skin corrosion/irritation	Calculation method
Serious eye damage/eye irritation	Calculation method
Respiratory sensitisation	Calculation method
Skin sensitisation	On basis of test data
mutagenicity	Calculation method
Carcinogenicity	Calculation method
Reproductive toxicity	Calculation method
STOT - single exposure	Calculation method
STOT - repeated exposure	Calculation method
Acute aquatic toxicity	Calculation method
Chronic aquatic toxicity	Calculation method
Aspiration hazard	Calculation method
Ozone	Calculation method

## Key literature references and sources for data used to compile the SDS

European Food Safety Authority (EFSA)  
European Chemicals Agency (ECHA) Committee for Risk Assessment (ECHA\_RAC)  
European Chemicals Agency (ECHA) (ECHA\_API)  
EPA (Environmental Protection Agency)  
Acute Exposure Guideline Level(s) (AEGL(s))  
International Uniform Chemical Information Database (IUCLID)  
National Institute of Technology and Evaluation (NITE)  
NIOSH (National Institute for Occupational Safety and Health)  
Organisation for Economic Co-operation and Development Environment, Health, and Safety Publications  
Organisation for Economic Co-operation and Development High Production Volume Chemicals Programme  
Organisation for Economic Co-operation and Development Screening Information Data Set

**Prepared By** Product Safety & Regulatory Affairs

**Revision date** 11-Sep-2022

**Revision note** SDS sections updated: 1 3

**Training Advice** No information available

**Further information** No information available

**This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006**

## Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**