# SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of: REACH Regulation (EC) No 1907/2006, as retained in UK law by (SI 2019/758 as amended)

**EVO-STIK FRAME SILICONE SEALANT CLEAR**
**Supercedes date** 01-Aug-2024

**Revision date** 21-Oct-2026
**Revision Number** 3.03

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

### 1.1. Product identifier

**Product Name** EVO-STIK FRAME SILICONE SEALANT CLEAR

**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 Limited
Common Rd
ST16 3EH
Stafford UK
Tel: +44 (1785) 27 26 25
Fax: +44 (1785) 25 72 36

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

### 1.4. Emergency telephone number

**United Kingdom** Bostik: +44 (1785) 272650 (9am to 5pm Mon-Fri)
NHS: 111

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

***GB CLP (SI 2020/1567 as amended)***

| | |
|---|---|
| **Hazardous to the aquatic environment - chronic** | Category 3 - (H412) |

### 2.2. Label elements

**Signal word**
None

**Hazard statements**
H412 - Harmful to aquatic life with long lasting effects.

**EU Specific Hazard Statements**
EUH208 - Contains Trimethoxyvinylsilane & 2-octyl-2H-isothiazol-3-one [OIT]. May produce an allergic reaction

**Precautionary statements**
P273 - Avoid release to the environment
P501 - Dispose of contents/ container to an approved waste disposal plant

### 2.3. Other hazards

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. Harmful to aquatic life.

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

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

Not applicable

### 3.2 Mixtures

| Chemical name | Weight-% | REACH registration number | EC No. (Index No.) | Classification according to Regulation (EC) No. 1272/2008 [CLP] | Specific concentration limit (SCL) | M-Factor | M-Factor (long-term) | Notes |
|---|---|---|---|---|---|---|---|---|
| Hydrocarbons, C13-C23, n-alkanes, isoalkanes, cyclics, < 0.03% aromatics RR-100254-6 | 10 - <20 | 01-2119552497-29-xxxx | 932-078-5 | Asp. Tox. 1 (H304) | - | - | - | - |
| Trimethoxyvinylsilane 2768-02-7 | 1 - <3 | 01-2119513215-52-XXXX | 220-449-8 (014-049-00-0) | Acute Tox. 4 (H332)<br>Skin Sens. 1B (H317)<br>Flam. Liq. 3 (H226) | - | - | - | - |
| Methyl alcohol 67-56-1 | 0.1 - <0.3 | 01-2119433307-44-XXXX | 200-659-6 (603-001-00-X) | Acute Tox. 3 (H301)<br>Acute Tox. 3 (H311)<br>Acute Tox. 3 (H331)<br>STOT SE 1 (H370)<br>Flam. Liq. 2 (H225) | STOT SE 1 :: C>=10%<br>STOT SE 2 :: 3%<=C<10% | - | - | - |
| Dioctyltin oxide 870-08-6 | 0.1 - <0.3 | 01-2119971268-27-xxxx | 212-791-1 | STOT SE 2 (H371) | - | - | - | - |
| Octamethylcyclotetrasiloxane [D4] 556-67-2 | 0.05 - <0.1 | 01-2119529238-36-XXXX | 209-136-7 (014-018-00-1) | Repr. 2 (H361f)<br>Aquatic Chronic 1 (H410)<br>Flam. Liq. 3 (H226)<br>[G] | - | - | 10 | - |
| 2-octyl-2H-isothiazol-3-one [OIT] 26530-20-1 | 0.0025 - <0.01 | [10] | 247-761-7 (613-112-00-5) | Acute Tox. 3 (H301)<br>Acute Tox. 3 (H311)<br>Acute Tox. 2 (H330)<br>Skin Corr. 1B (H314)<br>Eye Dam 1 (H318)<br>Skin Sens. 1A (H317)<br>Aquatic Acute 1 (H400)<br>Aquatic Chronic 1 (H410)<br>(EUH071) | Skin Sens. 1A :: C>=0.0015% | 100 | 100 | - |

Substances identified by a number starting “RR-“ in the CAS-field are substances for which the CAS# is not adopted in EU and we use an internal numbering system to track within our SDS software

*NOTE [10] - Biocides are regarded as registered substances according to Regulation (EC) No. 1907/2006 [REACH], Article 15 (1 and 2)*
*Classification according to Regulation (EC) No. 1272/2008 [CLP] - Notes*
*[G] - PBT / vPvB substance*

**Full text of H- and EUH-phrases: see section 16**

***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. (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 |
|---|---|---|---|---|---|---|---|
| Hydrocarbons, C13-C23, n-alkanes, isoalkanes, cyclics, < 0.03% aromatics | 932-078-5 | RR-100254-6 | - | - | - | - | - |
| Trimethoxyvinylsilane | 220-449-8 (014-049-00-0) | 2768-02-7 | - | - | - | 11 | - |
| Methyl alcohol | 200-659-6 (603-001-00-X) | 67-56-1 | 100 | 300 | - | 3 | - |
| Dioctyltin oxide | 212-791-1 | 870-08-6 | - | - | - | - | - |
| Octamethylcyclotetrasiloxane [D4] | 209-136-7 (014-018-00-1) | 556-67-2 | - | - | - | - | - |
| 2-octyl-2H-isothiazol-3-one [OIT] | 247-761-7 (613-112-00-5) | 26530-20-1 | 125 + | 311 + | 0.27 + | 0.27 + | 0.27 + |

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

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

**General advice** Show this safety data sheet to the doctor in attendance. If medical advice is needed, have product container or label at hand.

**Inhalation** Remove to fresh air. If symptoms persist, call a doctor.

**Eye contact** Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Consult an ophthalmologist.

**Skin contact** Wash skin with soap and water. In the case of skin irritation or allergic reactions see a doctor.

**Ingestion** 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.

**Effects of Exposure** No information available.

**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, when the product is exposed to moisture or water. Treat symptomatically.

## SECTION 5: Firefighting measures

**5.1. Extinguishing media**

**Suitable Extinguishing Media** Water spray, carbon dioxide (CO2), dry chemical, alcohol-resistant foam.

**Unsuitable extinguishing media** Full water jet.

**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 monoxide. Carbon dioxide (CO2). Nitrogen oxides (NOx). 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.

**Methods for cleaning up** Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labelled containers. Clean contaminated surface thoroughly.

**Prevention of secondary hazards** Equipment cleaned with organic solvent, washings are collected and disposed of as solvent waste. Collect water from cleaning tools and reuse it or dispose it in local sewage systems. Do not spill water or dispose cleaning water into the environment.

**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

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

**General hygiene considerations** Take off all contaminated clothing and wash it before reuse.

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

**Storage Conditions** Keep containers tightly closed in a cool, well-ventilated place. Keep away from food, drink and animal feedingstuffs. Protect from moisture.

**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 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

| Chemical name | European Union (Directives 98/24/EC and 2004/37/EC) | United Kingdom |
|---|---|---|
| Silica, amorphous, fumed, crystalline-free<br>112945-52-5 | - | TWA: 6 mg/m³; inhalable dust<br>TWA: 2.4 mg/m³; respirable dust<br>STEL: 18 mg/m³; inhalable dust<br>STEL: 7.2 mg/m³; respirable dust |
| Silica, amorphous<br>7631-86-9 | - | TWA: 6 mg/m³; inhalable dust<br>TWA: 2.4 mg/m³; respirable dust<br>STEL: 18 mg/m³; inhalable dust<br>STEL: 7.2 mg/m³; respirable dust |
| Methyl alcohol<br>67-56-1 | TWA: 200 ppm;<br>TWA: 260 mg/m³;<br>pSk | TWA: 200 ppm;<br>TWA: 266 mg/m³;<br>STEL: 250 ppm;<br>STEL: 333 mg/m³;<br>pSk |
| Dioctyltin oxide<br>870-08-6 | - | TWA: 0.1 mg/m³;<br>STEL: 0.2 mg/m³;<br>pSk |

| Chemical name | European Union (Directive 98/24/EC) | Ireland (CoP 2024) | United Kingdom |
|---|---|---|---|
| Methyl alcohol<br>67-56-1 | - | 15 mg/L (urine - Methanol end of shift) | - |

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

| Derived No Effect Level (DNEL) | | | |
|---|---|---|---|
| **Trimethoxyvinylsilane (2768-02-7)** | | | |
| Type | Exposure route | Derived No Effect Level (DNEL) | Safety factor |
| worker<br>Systemic health effects | Inhalation | 27,6 mg/m³ | |

| | | | |
|---|---|---|---|
| Long term | | | |
| worker<br>Systemic health effects<br>Long term | Dermal | 3,9 mg/kg bw/d | |

| **Methyl alcohol (67-56-1)** | | | |
|---|---|---|---|
| Type | Exposure route | Derived No Effect Level (DNEL) | Safety factor |
| Short term<br>Systemic health effects<br>worker | Dermal | 40 mg/kg bw/d | |
| Short term<br>Systemic health effects<br>worker | Inhalation | 260 mg/m³ | |
| Short term<br>Local health effects<br>worker | Inhalation | 260 mg/m³ | |
| Long term<br>Systemic health effects<br>worker | Dermal | 40 mg/kg bw/d | |
| worker<br>Long term<br>Systemic health effects | Inhalation | 260 mg/m³ | |
| Long term<br>Local health effects<br>worker | Inhalation | 260 mg/m³ | |

| **Dioctyltin oxide (870-08-6)** | | | |
|---|---|---|---|
| Type | Exposure route | Derived No Effect Level (DNEL) | Safety factor |
| worker<br>Long term<br>Systemic health effects | Dermal | 0.05 mg/kg bw/d | |
| worker<br>Long term<br>Systemic health effects | Inhalation | 0.004 mg/m³ | |

| **Octamethylcyclotetrasiloxane [D4] (556-67-2)** | | | |
|---|---|---|---|
| Type | Exposure route | Derived No Effect Level (DNEL) | Safety factor |
| worker<br>Long term<br>Systemic health effects | Inhalation | 73 mg/m³ | |

| **Derived No Effect Level (DNEL)** | | | |
|---|---|---|---|
| **Trimethoxyvinylsilane (2768-02-7)** | | | |
| Type | Exposure route | Derived No Effect Level (DNEL) | Safety factor |
| Consumer<br>Systemic health effects<br>Long term | Inhalation | 18,9 mg/m³ | |
| Consumer<br>Systemic health effects<br>Long term | Dermal | 7,8 mg/kg bw/d | |
| Consumer<br>Systemic health effects<br>Long term | Oral | 0,3 mg/kg bw/d | |

| **Methyl alcohol (67-56-1)** |
|---|

| Type | Exposure route | Derived No Effect Level (DNEL) | Safety factor |
|---|---|---|---|
| Consumer<br>Short term<br>Systemic health effects | Dermal | 8 mg/kg bw/d | |
| Consumer<br>Short term<br>Systemic health effects | Oral | 8 mg/kg bw/d | |
| Consumer<br>Long term<br>Local health effects | Inhalation | 50 mg/m³ | |
| Consumer<br>Long term<br>Systemic health effects | Oral | 8 mg/kg bw/d | |
| Consumer<br>Long term<br>Systemic health effects | Inhalation | 50 mg/m³ | |
| Consumer<br>Long term<br>Systemic health effects | Dermal | 50 mg/kg bw/d | |

| **Dioctyltin oxide (870-08-6)** | | | |
|---|---|---|---|
| Type | Exposure route | Derived No Effect Level (DNEL) | Safety factor |
| Consumer<br>Long term<br>Systemic health effects | Oral | 0.0005 mg/kg bw/d | |
| Consumer<br>Long term<br>Systemic health effects | Dermal | 0.025 mg/kg bw/d | |
| Consumer<br>Long term<br>Systemic health effects | Inhalation | 0.0009 mg/m³ | |

| **Octamethylcyclotetrasiloxane [D4] (556-67-2)** | | | |
|---|---|---|---|
| Type | Exposure route | Derived No Effect Level (DNEL) | Safety factor |
| Consumer<br>Long term<br>Systemic health effects | Inhalation | 13 mg/m³ | |
| Consumer<br>Long term<br>Systemic health effects | Oral | 3.7 mg/kg bw/d | |

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

| **Predicted No Effect Concentration (PNEC)** | |
|---|---|
| **Trimethoxyvinylsilane (2768-02-7)** | |
| Environmental compartment | Predicted No Effect Concentration (PNEC) |
| Freshwater | 0.34 mg/L |
| Marine water | 0.034 mg/L |
| Microorganisms in sewage treatment | 110 mg/L |

| **Dioctyltin oxide (870-08-6)** | |
|---|---|
| Environmental compartment | Predicted No Effect Concentration (PNEC) |
| Freshwater sediment | 0.02798 mg/kg dry weight |
| Marine sediment | 0.002798 mg/kg dry weight |
| Microorganisms in sewage treatment | 100 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. 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

**Skin and body protection** None under normal use conditions.

**Respiratory protection** 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.

**Recommended filter type:** 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**

**Physical state** Liquid
**Appearance** Paste
**Colour** Clear
**Odour** Characteristic.

| Property | Values | Remarks • Method |
|---|---|---|
| **Melting point / freezing point** | No data available | None known |
| **Initial boiling point and boiling range** | No data available | None known |
| **Flammability** | No data available | None known |
| **Flammability Limit in Air** | | None known |
| **Upper flammability or explosive limits** | No data available | |
| **Lower flammability or explosive limits** | No data available | |
| **Flash point** | > 60 °C | |
| **Autoignition temperature** | No data available | |
| **Decomposition temperature** | | None known |
| **pH** | No data available | Not applicable. |
| **pH (as aqueous solution)** | No data available | None known |
| **Kinematic viscosity** | > 21 mm²/s | |
| **Dynamic viscosity** | No data available | None known |
| **Water solubility** | Insoluble in water. | |
| **Solubility(ies)** | No data available | None known |
| **Partition coefficient** | No data available | None known |
| **Vapour pressure** | No data available | None known |
| **Relative density** | 1.0 | |
| **Bulk density** | No data available | |
| **Liquid Density** | No data available | |
| **Relative vapour density** | No data available | None known |

**Particle characteristics**

| | |
|---|---|
| **Particle Size** | No information available |
| **Particle Size Distribution** | No information available |

**9.2. Other information**

| | |
|---|---|
| **Solid content (%)** | No information available |
| **VOC content** | No data available |

***9.2.1. Information with regards to physical hazard classes***
Not applicable

***9.2.2. Other safety characteristics***
No information available

## 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** 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.

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

**The following ATE values have been calculated for the mixture**

**ATEmix (oral)** 37,290.20 mg/kg
**ATEmix (dermal)** 111,870.50 mg/kg
**ATEmix (inhalation-gas)** >20000 ppm
**ATEmix (inhalation-dust/mist)** >5 mg/L
**ATEmix (inhalation-vapour)** 184.00 mg/L

**Component Information**

| Chemical name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|---|---|---|---|
| Hydrocarbons, C13-C23, n-alkanes, isoalkanes, cyclics, < 0.03% aromatics | LD50 > 5000 mg/kg (Rattus) OECD 401 | LD50 > 2000 mg/kg (Oryctolagus cuniculus) OECD 402 | - |
| Trimethoxyvinylsilane | LD50 = 7120 -7236 mg/kg (Rattus) OECD 401 | = 3540 mg/kg (Oryctolagus cuniculus) | LC50 (4hr) 16.8 mg/l (Rattus) OECD TG 403 |
| Methyl alcohol | =2500 mg/kg (Rattus) | 200-1000 mg/kg (Oryctolagus cuniculus) | =22500 ppm (Rattus) 8 h = 64000 ppm (Rattus) 4 h |
| Dioctyltin oxide | =2500 mg/kg (Rattus) | LD50 > 2000 mg/kg (Rattus) OECD 402 | - |
| Octamethylcyclotetrasiloxane [D4] | LD50 > 4800 mg/kg (Rattus) OECD 401 | LD50 > 2400 mg/kg (Rattus) OECD 402 | =36 g/m³ (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.

| Trimethoxyvinylsilane (2768-02-7) | | | | | |
|---|---|---|---|---|---|
| **Method** | **Species** | **Exposure route** | **Effective dose** | **Exposure time** | **Results** |
| | Rabbit | Dermal | 0.5 mL | 24 hours | Non-irritant |

| 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.

| Trimethoxyvinylsilane (2768-02-7) | | | | | |
|---|---|---|---|---|---|
| **Method** | **Species** | **Exposure route** | **Effective dose** | **Exposure time** | **Results** |
| OECD Test No. 405: Acute Eye Irritation/Corrosion | Rabbit | eye | | 24 hours | Non-irritant |

| 2-octyl-2H-isothiazol-3-one [OIT] (26530-20-1) | | | | | |
|---|---|---|---|---|---|
| **Method** | **Species** | **Exposure route** | **Effective dose** | **Exposure time** | **Results** |
| OECD Test No. 405: Acute Eye Irritation/Corrosion | Rabbit | Corneal | | | Eye Damage |

**Respiratory or skin sensitisation** No classification is proposed, based on conclusive negative data. OECD Test No. 406: Skin Sensitisation. No sensitisation responses were observed. No classification is proposed, based on conclusive negative data. May cause sensitisation in susceptible persons.

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

| Octamethylcyclotetrasiloxane [D4] (556-67-2) | | | |
|---|---|---|---|
| 2-octyl-2H-isothiazol-3-one [OIT] (26530-20-1) | | | |
| Method | Species | Exposure route | Results |
| GPMT - Guinea pig maximisation test | Guinea pig | Dermal | Sensitising |

**Germ cell mutagenicity** Based on available data, the classification criteria are not met.

| Component Information | | |
|---|---|---|
| Trimethoxyvinylsilane (2768-02-7) | | |
| **Method** | **Species** | **Results** |
| OECD Test No. 471: Bacterial Reverse Mutation Test | in vitro | Not mutagenic |

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

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

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 |

| Trimethoxyvinylsilane (2768-02-7) | | |
|---|---|---|
| **Method** | **Species** | **Results** |
| OECD Test No. 422: Combined Repeated Dose Toxicity Study with the Reproduction/Developmental Toxicity Screening Test | Rat | Not Classifiable |

**STOT - single exposure** Based on available data, the classification criteria are not met.

| Dioctyltin oxide (870-08-6) | | | | | |
|---|---|---|---|---|---|
| **Method** | **Species** | **Exposure route** | **Effective dose** | **Exposure time** | **Results** |
| OECD Test No. 422: Combined Repeated Dose Toxicity Study with the | Rat | Oral | 5 mg/kg | 28 days | 0.3 - 0.5 mg/kg bw/d May cause damage to the |

| | | | | | |
|---|---|---|---|---|---|
| Reproduction/Developmental Toxicity Screening Test | | | | | following organs: Immune system |

**STOT - repeated exposure** Based on available data, the classification criteria are not met.

| Trimethoxyvinylsilane (2768-02-7) | | | | | |
|---|---|---|---|---|---|
| **Method** | **Species** | **Exposure route** | **Effective dose** | **Exposure time** | **Results** |
| OECD Test No. 413: Sub-chronic Inhalation Toxicity: 90-day Study | Rat | Inhalation vapour | | 90 days | 0.058 NOAEL |

| Dioctyltin oxide (870-08-6) | | | | | |
|---|---|---|---|---|---|
| **Method** | **Species** | **Exposure route** | **Effective dose** | **Exposure time** | **Results** |
| | Rat Rabbit | | | 28 days | 0.3 -0.5 mg/kg bw/d |

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

#### 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) |
|---|---|---|---|---|---|---|
| Hydrocarbons, C13-C23, n-alkanes, isoalkanes, cyclics, < 0.03% aromatics RR-100254-6 | EL50 (72h) > 10 000 mg/L (Skeletonema costatum) | LL50 (96h) > 1028 mg/L (Scophthalmus maximus) | - | LL50 (48h) > > 3193 mg/l (Acartia tonsa) | | |
| Trimethoxyvinylsilane 2768-02-7 | EC 50 (72h) > 957 mg/l (Desmodesmus subspicatus) EU Method C.3 | LC50 (96h) = 191 mg/l (Oncorhynchus mykiss) | - | EC50(48hr) 168.7mg/l (Daphnia magna) | | |
| Methyl alcohol 67-56-1 | - | LC50 96 h > 100 mg/L (Pimephales promelas static) | EC50 = 39000 mg/L 25 min EC50 = 40000 mg/L 15 min EC50 = 43000 mg/L 5 min | - | | |
| Dioctyltin oxide 870-08-6 | EC50 (3hr) >1.000 mg/l (bacteria) (Activated | LC50 (96hr) >0,09 mg/l (Brachydanio rerio (zebra)) | - | EC50 (48Hr) >0,21 mg/l (Daphnia magna (Dappnia | | |

| | | | | | | |
|---|---|---|---|---|---|---|
| | Sludge, Respiration Inhibition Test) | (Acute Toxicity Test) | | magna)) (Daphnia sp. Acute Immobilisation Test) | | |
| 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 |
| 2-octyl-2H-isothiazol-3-one [OIT] 26530-20-1 | EC50(72h) = 0.084 mg/L (Scenedesmus subspicatus) (OECD 201) | LC50 (96h) = 0.036 mg/L (Oncorhynchus mykiss) (OECD 203) | - | EC50 (48h) =0.42 mg/L (OECD 202) | 100 | 100 |

## 12.2. Persistence and degradability

**Persistence and degradability** No information available.

| Trimethoxyvinylsilane (2768-02-7) | | | |
|---|---|---|---|
| **Method** | **Exposure time** | **Value** | **Results** |
| OECD Test No. 301F: Ready Biodegradability: Manometric Respirometry Test (TG 301 F) | 28 days | BOD | 51 % Not readily biodegradable |

| Dioctyltin oxide (870-08-6) | | | |
|---|---|---|---|
| **Method** | **Exposure time** | **Value** | **Results** |
| OECD Test No. 301F: Ready Biodegradability: Manometric Respirometry Test (TG 301 F) | 755 hours | biodegradation | Not readily biodegradable 2 % |

| 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 |
|---|---|
| Trimethoxyvinylsilane | 1.1 |
| Methyl alcohol | -0.77 |
| Dioctyltin oxide | 6 |
| 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 |
|---|---|
| Trimethoxyvinylsilane | Not PBT/vPvB |
| Methyl alcohol | Not PBT/vPvB |
| Dioctyltin oxide | Not PBT/vPvB |
| Octamethylcyclotetrasiloxane [D4] | PBT & vPvB |
| 2-octyl-2H-isothiazol-3-one [OIT] | Not PBT/vPvB |

### 12.6. Endocrine disrupting properties

**Endocrine disruption for the environment** Based on available data, the classification criteria are not met.

| 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. | |

### 12.7. Other adverse effects

**Other adverse effects** No information available.
**PMT or vPvM properties** Based on available data, the classification criteria are not met.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**Waste from residues/unused products** Dispose of contents/container in accordance with local, regional, national, and international regulations as applicable.

**Contaminated packaging** Handle contaminated packages in the same way as the product itself.

**European Waste Catalogue** 08 04 09* waste adhesives and sealants containing organic solvents or other dangerous substances

**Other information** 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)**
**14.1 UN number or ID number** Not regulated
**14.2 UN proper shipping name** Not regulated
**14.3 Transport hazard class(es)** Not regulated
**14.4 Packing group** Not regulated
**14.5 Environmental hazards** Not applicable
**14.6 Special precautions for user**
**Special Provisions** None

**IMDG**
**14.1 UN number or ID number** Not regulated
**14.2 UN proper shipping name** Not regulated
**14.3 Transport hazard class(es)** Not regulated
**14.4 Packing group** Not regulated

**14.5 Marine pollutant** NP
**14.6 Special precautions for user**
**Special Provisions** None
**14.7 Maritime transport in bulk according to IMO instruments**
**Transport in bulk according to Annex II of MARPOL and the IBC Code** Not applicable

**Air transport (ICAO-TI / IATA-DGR)**
**14.1 UN number or ID number** Not regulated
**14.2 UN proper shipping name** Not regulated
**14.3 Transport hazard class(es)** Not regulated
**14.4 Packing group** Not regulated
**14.5 Environmental hazards** Not applicable
**14.6 Special precautions for user**
**Special Provisions** 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 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents 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, Authorisation, 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 >=0.1% (Regulation (EC) No. 1907/2006 (REACH), Article 59)

**EU-REACH (1907/2006) - Annex XVII - Substances subject to Restriction**
This product contains one or more substance(s) subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII).

| Chemical name | CAS No. | Restricted substance per REACH Annex XVII |
|---|---|---|
| Methyl alcohol | 67-56-1 | 69<br>75 |
| Dioctyltin oxide | 870-08-6 | 20 |

**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 OIT.

**Export and import of hazardous chemicals (Regulation (EC) No 649/2012)**
This product does not contain substances which are regulated pursuant to Regulation (EC) No. 649/2012 of the European parliament and of the council concerning the export and import of dangerous chemicals above the level that triggers a labeling obligation under Regulation (EC) No 1272/2008. Therefore this product is not subject to prior informed consent notification.

**Named dangerous substances per Seveso Directive (2012/18/EU)**

| Chemical name | Lower-tier requirements (tons) | Upper-tier requirements (tons) |
|---|---|---|
| Methyl alcohol - 67-56-1 | 500 | 5000 |

**Ozone-depleting substances (ODS) regulation (EC) 2024/590**
Not applicable

**Persistent Organic Pollutants Regulation (EU) 2019/1021**
Not applicable

**Regulation (EU) 2019/1148 of 20 June 2019 on the marketing and use of explosives precursors**
Not applicable

**Regulations on drug precursors (EC) No 111/2005 (export) and 273/2004 (internal trade)**
This product does not contain any substance(s) on the Drug Precursors list.

**National regulations**

**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 any hazard and/or precautionary statements referred to under Sections 2-15**
EUH071 - Corrosive to the respiratory tract
H225 - Highly flammable liquid and vapour
H226 - Flammable liquid and vapour
H301 - Toxic if swallowed
H304 - May be fatal if swallowed and enters airways
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
H331 - Toxic if inhaled
H332 - Harmful if inhaled
H361f - Suspected of damaging fertility
H370 - Causes damage to organs
H371 - May cause damage to organs
H400 - Very toxic to aquatic life
H410 - Very toxic to aquatic life with long lasting effects

**Legend**

| | |
|---|---|
| TWA | TWA (time-weighted average) |
| STEL | STEL (Short Term Exposure Limit) |
| Ceiling | Ceiling Limit Value |
| Sk* | Skin designation |
| SVHC | Substance(s) of Very High Concern |
| 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 |
| ADR | European Agreement concerning the International Carriage of Dangerous Goods by Road |

| | |
|---|---|
| IMDG | International Maritime Dangerous Goods (IMDG) |
| IATA | International Air Transport Association (IATA) |
| RID | Regulations concerning the International Transport of Dangerous Goods by Rail |

**Key literature references and sources for data**
No information available

| | |
|---|---|
| **Prepared By** | Product Safety & Regulatory Affairs |
| **Revision date** | 21-Oct-2026 |
| **Indication of changes** | |
| **Revision Note** | Not applicable. |
| **Training Advice** | No information available |
| **Further information** | No information available |

**This SDS complies with the requirements of UK REACH Regulations SI 2019/758 (as amended)**

**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**