



# 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

**EVO-STIK 1 HOUR SHOWER BATHROOM SEALANT  
WHITE**  
Supersedes date 12-Jun-2023

Revision date 29-Aug-2024

Revision Number 2.05

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

### 1.1. Product identifier

**Product Name** EVO-STIK 1 HOUR SHOWER BATHROOM SEALANT WHITE

**Form** This substance/ mixture contains nanoforms

### Other means of identification

**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 Benelux B.V.  
Denariusstraat 11  
4903 RC Oosterhout  
The Netherlands  
Tel: + 31 162 491 000

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

### 1.4. Emergency telephone number

**Emergency Telephone  
Ireland**

#### NPIC - National Poison Information Centre

Members of the Public: +353 (01) 8092166 (8.00 am to 10.00 pm - 7 days a week)

Healthcare Professionals: +353 (01) 8092566 (24 hour service)

**United Kingdom  
Europe**

Bostik: +44 (1785) 272650 (9am to 5pm Mon-Fri)  
112

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

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

|                                 |                     |
|---------------------------------|---------------------|
| <b>Chronic aquatic toxicity</b> | Category 3 - (H412) |
|---------------------------------|---------------------|

### 2.2. Label elements

#### Hazard statements

H412 - Harmful to aquatic life with long lasting effects

#### EU Specific Hazard Statements

EUH208 - Contains 4,5-dichloro-2-octyl-2H-isothiazol-3-one [DCOIT]. May produce an allergic reaction

# SAFETY DATA SHEET

EVO-STIK 1 HOUR SHOWER BATHROOM SEALANT  
WHITE  
Supercedes date 12-Jun-2023

Revision date 29-Aug-2024

Revision Number 2.05

## 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

P273 - Avoid release to the environment

P501 - Dispose of contents/ container to an approved waste disposal plant

## 2.3. Other hazards

Small amounts of acetic acid (CAS 64-19-7) 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).

**Endocrine Disruptor Information** This product does not contain any known or suspected endocrine disruptors.

## 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 |
|--|-----------------------------|------------|--|---|----------|----------------------|---------------------------|
| Triacetoxyp(ropyl)silane<br>1 - <3 %                               | 241-816-9                   | 17865-07-5 | Skin Corr. 1B (H314)<br>(EUH071)   | -   | -        | -                    | 01-2119966899-07-XXXX     |
| Silanetriol, methyl-,<br>triacetate<br>1 - <2.5 %                  | 224-221-9                   | 4253-34-3  | Skin Corr. 1C (H314)<br>Acute Tox. 4 (H302)<br>(EUH014)  | -   | -        | -                    | 01-2119962266-32-XXXX     |
| Titanium dioxide<br>0.1- <1 %                                      | 236-675-5<br>(022-006-00-2) | 13463-67-7 | [C]  | -   | -        | -                    | 01-2119489379-17-XXXX     |
| Octamethylcyclotetrasiloxane [D4]<br>0.05 - <0.1 %                 | 209-136-7<br>(014-018-00-1) | 556-67-2   | Repr. 2 (H361f)<br>Aquatic Chronic 1 (H410)<br>Flam. Liq. 3 (H226)<br>[G]  | -   | -        | 10                   | 01-2119529238-36-XXXX     |
| Acetic acid<br>0.036 - < 0.05 %                                    | 200-580-7<br>(607-002-00-6) | 64-19-7    | Skin Corr. 1A (H314)<br>Flam. Liq. 3 (H226)  | Eye Irrit. 2 ::<br>10%<=C<25%<br>Skin Corr. 1A ::<br>C>=90%<br>Skin Corr. 1B ::<br>25%<=C<90%<br>Skin Irrit. 2 ::<br>10%<=C<25% | -        | -                    | 01-2119475328-30-XXXX     |
| 4,5-dichloro-2-octyl-2H-isothiazol-3-one [DCOIT]<br>0.01 < 0.036 % | 264-843-8<br>(613-335-00-8) | 64359-81-5 | Acute Tox. 4 (H302)<br>Acute Tox. 2 (H330)<br>Skin Corr. 1 (H314)<br>Eye Dam. 1 (H318)<br>Skin Sens. 1A (H317)<br>Aquatic Acute 1 (H400)<br>Aquatic Chronic 1 (H410)<br>(EUH071) | Skin Irrit. 2 ::<br>0.025%<=C<5%<br>Eye Irrit. 2 ::<br>0.025%<=C<3%<br>Skin Sens. 1A ::<br>C>=0.0015%                           | 100      | 100                  | -                         |

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

# SAFETY DATA SHEET

**EVO-STIK 1 HOUR SHOWER BATHROOM SEALANT  
WHITE**  
Supersedes date 12-Jun-2023

Revision date 29-Aug-2024

Revision Number 2.05

| Chemical name          | EC No (EU Index No)         | Classification according to Regulation (EC) No. 1272/2008 [CLP] | Specific concentration limit (SCL)  | M-Factor | M-Factor (long-term) | REACH registration number |
|------------------------|-----------------------------|---|---|----------|----------------------|---------------------------|
| Acetic acid<br>64-19-7 | 200-580-7<br>(607-002-00-6) | Skin Corr. 1A<br>(H314)<br>Flam. Liq. 3<br>(H226)               | Eye Irrit. 2 ::<br>10%≤C<25%<br>Skin Corr. 1A ::<br>C≥90%<br>Skin Corr. 1B ::<br>25%≤C<90%<br>Skin Irrit. 2 ::<br>10%≤C<25% | -        | -                    | 01-2119475328-30-XXXX     |

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

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

[C] - Components with occupational exposure limits and/or biological occupational exposure limits requiring monitoring

[G] - PBT / vPvB substance

## 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 (ATE<sub>mix</sub>) 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 |
|--|-----------------------------|------------|------------------|-------------------|---|--|--------------------------------------|
| Triacetoxypolypropylsilane                       | 241-816-9                   | 17865-07-5 | -                | -                 | -   | -  | -                                    |
| Silanetriol, methyl-, triacetate                 | 224-221-9                   | 4253-34-3  | 1600             | -                 | -   | -  | -                                    |
| Titanium dioxide                                 | 236-675-5<br>(022-006-00-2) | 13463-67-7 | -                | -                 | -   | -  | -                                    |
| Octamethylcyclotetrasiloxane [D4]                | 209-136-7<br>(014-018-00-1) | 556-67-2   | -                | -                 | -   | -  | -                                    |
| Acetic acid                                      | 200-580-7<br>(607-002-00-6) | 64-19-7    | -                | 1060              | -   | -  | -                                    |
| 4,5-dichloro-2-octyl-2H-isothiazol-3-one [DCOIT] | 264-843-8<br>(613-335-00-8) | 64359-81-5 | 567 <sup>+</sup> | -                 | 0.16 <sup>+</sup>                           | 0.16 <sup>+</sup>                        | 0.16 <sup>+</sup>                    |

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

## Notes

See section 16 for more information

| Chemical name                 | Notes  |
|-------------------------------|--------|
| Titanium dioxide - 13463-67-7 | V,W,10 |
| Acetic acid - 64-19-7         | B      |

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

# SAFETY DATA SHEET

EVO-STIK 1 HOUR SHOWER BATHROOM SEALANT  
WHITE  
Supercedes date 12-Jun-2023

Revision date 29-Aug-2024

Revision Number 2.05

---

|                       |  |
|-----------------------|--|
| <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>      | 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

|                            |                           |
|----------------------------|---------------------------|
| <b>Symptoms</b>            | None known.               |
| <b>Effects of Exposure</b> | No information available. |

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

|                        |                        |
|------------------------|------------------------|
| <b>Note to doctors</b> | Treat symptomatically. |
|------------------------|------------------------|

### **SECTION 5: Firefighting measures**

#### 5.1. Extinguishing media

|                                       |   |
|---------------------------------------|---|
| <b>Suitable Extinguishing Media</b>   | Water spray, carbon dioxide (CO <sub>2</sub> ), dry chemical, alcohol-resistant foam. |
| <b>Unsuitable extinguishing media</b> | Full water jet.   |

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

|   |   |
|---|---|
| <b>Specific hazards arising from the chemical</b> | Thermal decomposition can lead to release of irritating gases and vapours.  |
| <b>Hazardous combustion products</b>              | 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

|   |   |
|---|---|
| <b>Special protective equipment and precautions for fire-fighters</b> | Wear self contained breathing apparatus for fire fighting if necessary. |
|---|---|

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

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

|                                 |  |
|---------------------------------|--|
| <b>Personal precautions</b>     | Do not get in eyes, on skin, or on clothing. Use personal protective equipment as required. Ensure adequate ventilation. |
| <b>Other information</b>        | Prevent further leakage or spillage if safe to do so.  |
| <b>For emergency responders</b> | Use personal protection recommended in Section 8.  |

#### 6.2. Environmental precautions

|                                  |  |
|----------------------------------|--|
| <b>Environmental precautions</b> | Prevent product from entering drains. Do not allow to enter into soil/subsoil. See Section |
|----------------------------------|--|

# SAFETY DATA SHEET

EVO-STIK 1 HOUR SHOWER BATHROOM SEALANT  
WHITE  
Supercedes date 12-Jun-2023

Revision date 29-Aug-2024

Revision Number 2.05

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** 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

**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 acetic acid (CAS 64-19-7) are formed by hydrolysis and released upon curing This product contains titanium dioxide in a non-respirable form. Inhalation of titanium dioxide is unlikely to occur from exposure to this product

| Chemical name                  | European Union   | Ireland   | United Kingdom  |
|--------------------------------|--|---|---|
| Silica, amorphous<br>7631-86-9 | -  | TWA: 6 mg/m <sup>3</sup><br>TWA: 2.4 mg/m <sup>3</sup><br>STEL: 18 mg/m <sup>3</sup><br>STEL: 7.2 mg/m <sup>3</sup> | TWA: 6 mg/m <sup>3</sup><br>TWA: 2.4 mg/m <sup>3</sup><br>STEL: 18 mg/m <sup>3</sup><br>STEL: 7.2 mg/m <sup>3</sup> |
| Titanium dioxide<br>13463-67-7 | -  | TWA: 10 mg/m <sup>3</sup><br>TWA: 4 mg/m <sup>3</sup><br>STEL: 30 mg/m <sup>3</sup><br>STEL: 12 mg/m <sup>3</sup>   | TWA: 10 mg/m <sup>3</sup><br>TWA: 4 mg/m <sup>3</sup><br>STEL: 30 mg/m <sup>3</sup><br>STEL: 12 mg/m <sup>3</sup>   |
| Acetic acid<br>64-19-7         | TWA: 25 mg/m <sup>3</sup><br>TWA: 10 ppm<br>STEL: 50 mg/m <sup>3</sup><br>STEL: 20 ppm | TWA: 20 ppm<br>TWA: 50 mg/m <sup>3</sup><br>STEL: 20 ppm<br>STEL: 50 mg/m <sup>3</sup>                              | TWA: 10 ppm<br>TWA: 25 mg/m <sup>3</sup><br>STEL: 20 ppm<br>STEL: 50 mg/m <sup>3</sup>                              |

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

# SAFETY DATA SHEET

EVO-STIK 1 HOUR SHOWER BATHROOM SEALANT  
 WHITE  
 Supersedes date 12-Jun-2023

Revision date 29-Aug-2024

Revision Number 2.05

| Derived No Effect Level (DNEL)              |                |                                |               |
|---|----------------|--------------------------------|---------------|
| Titanium dioxide (13463-67-7)               |                |                                |               |
| Type  | Exposure route | Derived No Effect Level (DNEL) | Safety factor |
| worker<br>Long term<br>Local health effects | Inhalation     | 10 mg/m <sup>3</sup>           |               |

| 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/m <sup>3</sup>           |               |

| Derived No Effect Level (DNEL)                   |                |                                |               |
|--|----------------|--------------------------------|---------------|
| Titanium dioxide (13463-67-7)                    |                |                                |               |
| Type   | Exposure route | Derived No Effect Level (DNEL) | Safety factor |
| Consumer<br>Long term<br>Systemic health effects | Oral           | 700 mg/kg bw/d                 |               |

| 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/m <sup>3</sup>           |               |
| Consumer<br>Long term<br>Systemic health effects | Oral           | 3.7 mg/kg bw/d                 |               |

## Predicted No Effect Concentration (PNEC)

| Predicted No Effect Concentration (PNEC) |  |
|--|--|
| Titanium dioxide (13463-67-7)            |  |
| Environmental compartment                | Predicted No Effect Concentration (PNEC) |
| Marine water                             | 0.0184 mg/l                              |
| Freshwater sediment                      | 1000 mg/kg                               |
| Freshwater                               | 0.184 mg/l                               |
| Marine sediment                          | 100 mg/kg                                |
| Soil                                     | 100 mg/kg                                |
| Microorganisms in sewage treatment       | 100 mg/l                                 |
| Freshwater - intermittent                | 0.193 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

# SAFETY DATA SHEET

EVO-STIK 1 HOUR SHOWER BATHROOM SEALANT  
WHITE  
Supersedes date 12-Jun-2023

Revision date 29-Aug-2024

Revision Number 2.05

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

**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** Solid  
**Appearance** Paste  
**Colour** white  
**Odour** Acetic acid.

| <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                               | None known                          |
| <b>Flammability</b>                            | No data available                               | None known                          |
| <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                               | None known                          |
| <b>Decomposition temperature</b>               |   | None known                          |
| <b>pH</b>                                      | .   | 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>                        | Insoluble in water. Product cures with moisture |                                     |
| <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

**Solid content (%)** No information available

**VOC content** No data available

9.2.1. Information with regards to physical hazard classes  
Not applicable

# SAFETY DATA SHEET

EVO-STIK 1 HOUR SHOWER BATHROOM SEALANT  
WHITE  
Supersedes date 12-Jun-2023

Revision date 29-Aug-2024

Revision Number 2.05

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 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 None under normal use conditions. Stable under recommended storage conditions.

## 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



# SAFETY DATA SHEET

EVO-STIK 1 HOUR SHOWER BATHROOM SEALANT  
WHITE  
Supersedes date 12-Jun-2023

Revision date 29-Aug-2024

Revision Number 2.05

## Numerical measures of toxicity

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

|                               |                  |
|-------------------------------|------------------|
| ATEmix (oral)                 | 136,834.70 mg/kg |
| ATEmix (dermal)               | >2000 mg/kg      |
| ATEmix (inhalation-gas)       | >20000 ppm       |
| ATEmix (inhalation-dust/mist) | >5 mg/l          |
| ATEmix (inhalation-vapour)    | >20 mg/l         |

## Component Information

| Chemical name                                    | Oral LD50                           | Dermal LD50                          | Inhalation LC50                   |
|--|-------------------------------------|--------------------------------------|-----------------------------------|
| Silanetriol, methyl-, triacetate                 | LD50 = 1600 mg/kg (Rattus) OECD 401 | -                                    | -                                 |
| Titanium dioxide                                 | >10000 mg/kg (Rattus)               | LD50 > 5000 mg/Kg                    | = 5.09 mg/L ( Rattus ) 4 h        |
| 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 |
| Acetic acid                                      | =3310 mg/kg (Rattus)                | = 1060 mg/kg (Oryctolagus cuniculus) | =11.4 mg/L (Rattus) 4 h           |
| 4,5-dichloro-2-octyl-2H-isothiazol-3-one [DCOIT] | =1636 mg/kg (Rattus)                | > 2000 mg/kg (Oryctolagus cuniculus) | =0.26 mg/L (Rattus) 4 h           |

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

### Skin corrosion/irritation

The assessment of the result of testing was done in accordance with the guideline of the Commission 92/ 69/ EEC.

| Product Information |         |                |                |               |                                   |
|---------------------|---------|----------------|----------------|---------------|-----------------------------------|
| Method              | Species | Exposure route | Effective dose | Exposure time | Results                           |
|                     | Rabbit  | Dermal         |                | 6 days        | Product score <=1<br>Non-irritant |

| Titanium dioxide (13463-67-7)                              |         |                |                |               |              |
|--|---------|----------------|----------------|---------------|--------------|
| Method   | Species | Exposure route | Effective dose | Exposure time | Results      |
| OECD Test No. 404:<br>Acute Dermal<br>Irritation/Corrosion | Rabbit  | Dermal         |                |               | Non-irritant |

**Serious eye damage/eye irritation** By analogy to another tested similar product: No irritation after contact to the eyes. (H319 is void). The assessment of the result of testing was done in accordance with the guideline of the Commission 92/ 69/ EEC.

| Product Information |         |                |                |               |                                   |
|---------------------|---------|----------------|----------------|---------------|-----------------------------------|
| Method              | Species | Exposure route | Effective dose | Exposure time | Results                           |
|                     | Rabbit  | eye            |                | 6 days        | Product score <=1<br>Non-irritant |

| Titanium dioxide (13463-67-7)                           |         |                |                |               |              |
|---|---------|----------------|----------------|---------------|--------------|
| Method  | Species | Exposure route | Effective dose | Exposure time | Results      |
| OECD Test No. 405:<br>Acute Eye<br>Irritation/Corrosion | Rabbit  | Eye            |                |               | Non-irritant |

**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

# SAFETY DATA SHEET

EVO-STIK 1 HOUR SHOWER BATHROOM SEALANT  
WHITE  
Supersedes date 12-Jun-2023

Revision date 29-Aug-2024

Revision Number 2.05

susceptible persons.

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

Titanium dioxide (13463-67-7)  
Octamethylcyclotetrasiloxane [D4] (556-67-2)  
4,5-dichloro-2-octyl-2H-isothiazol-3-one [DCOIT] (64359-81-5)

| Method   | Species    | Exposure route | Results     |
|----------|------------|----------------|-------------|
| OECD 406 | Guinea pig | Dermal         | 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.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

| Chemical name    | European Union |
|------------------|----------------|
| Titanium dioxide | Carc. 2        |

**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        |

**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) |
|---------------|----------------------|------|----------------------------|-----------|----------|----------------------|
|---------------|----------------------|------|----------------------------|-----------|----------|----------------------|

# SAFETY DATA SHEET

**EVO-STIK 1 HOUR SHOWER BATHROOM SEALANT  
WHITE**  
Supersedes date 12-Jun-2023

Revision date 29-Aug-2024

Revision Number 2.05

|   |  |   |  |  |     |     |
|---|--|---|--|--|-----|-----|
| Triacetoxyp(ropyl)silane<br>17865-07-5                                | EC50 (72h):<br>approx. 24<br>mg/l(Pseudokirc<br>henriella<br>subpicata)          | LC50 (96h) =<br>108.89 mg/L   | -  | EC50 (48h) =<br>89.59 mg/L                               |     |     |
| Silanetriol, methyl-,<br>triacetate<br>4253-34-3                      | EC50 (72h):<br>>500 mg/l<br>(Pseudokirchner<br>ella subcapitata)                 | LC50 (96h) >500<br>mg/l<br>(Brachydanio<br>rerio)   | -  | EC50 (48h) >500<br>mg/l (Daphnia<br>magna)               |     |     |
| Titanium dioxide<br>13463-67-7  | LC50 (96h)<br>>10000 mg/l<br>(Cyprinodon<br>variegatus)<br>OECD 203              | -   | -  | -  |     |     |
| Octamethylcyclotetrasil<br>oxane [D4]<br>556-67-2                     | -  | LC50:<br>>1000mg/L (96h,<br>Lepomis<br>macrochirus)<br>LC50: >500mg/L<br>(96h,<br>Brachydanio<br>rerio) | -  | EC50:<br>=25.2mg/L (24h,<br>Daphnia magna)               |     | 10  |
| Acetic acid<br>64-19-7  | -  | LC50 96 h<br>>1000 mg/L<br>(Danio rerio)  | EC50 = 8.8 mg/L<br>15 min<br>EC50 = 8.8 mg/L<br>25 min<br>EC50 = 8.8 mg/L<br>5 min | EC50 48 h >300<br>mg/L (Daphnia<br>magna Static)         |     |     |
| 4,5-dichloro-2-octyl-2H-<br>isothiazol-3-one<br>[DCOIT]<br>64359-81-5 | EC50 (72h)<br>=0.025 mg/L<br>Algae<br>(Scenedesmus<br>subspicatus)(OE<br>CD 201) | LC50 (96h)<br>0.0078 mg/L<br>(Oncorhynchus<br>mykiss)(OECD<br>203)                                      | -  | EC50 (48h)<br>0.0097 mg/L<br>Daphnia magna<br>(OECD 202) | 100 | 100 |

## 12.2. Persistence and degradability

**Persistence and degradability** No information available.

Octamethylcyclotetrasiloxane [D4] (556-67-2)  
4,5-dichloro-2-octyl-2H-isothiazol-3-one [DCOIT] (64359-81-5)

| Method  | Exposure time | Value     | Results      |
|---|---------------|-----------|--------------|
| OECD Test No. 308: Aerobic and Anaerobic Transformation in Aquatic Sediment Systems |               | Half-life | 1.1-1.3 days |

## 12.3. Bioaccumulative potential

### Bioaccumulation

#### Component Information

| Chemical name                                    | Partition coefficient |
|--|-----------------------|
| Triacetoxyp(ropyl)silane                         | 1.23                  |
| Silanetriol, methyl-, triacetate                 | -2.4                  |
| Octamethylcyclotetrasiloxane [D4]                | 6.49                  |
| Acetic acid                                      | -0.17                 |
| 4,5-dichloro-2-octyl-2H-isothiazol-3-one [DCOIT] | 4.4                   |

## 12.4. Mobility in soil

# SAFETY DATA SHEET

EVO-STIK 1 HOUR SHOWER BATHROOM SEALANT  
WHITE  
Supersedes date 12-Jun-2023

Revision date 29-Aug-2024

Revision Number 2.05

**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         |
|--|---------------------------------|
| Triacetoxypolypropylsilane                       | The substance is not PBT / vPvB |
| Silanetriol, methyl-, triacetate                 | The substance is not PBT / vPvB |
| Titanium dioxide                                 | The substance is not PBT / vPvB |
| Octamethylcyclotetrasiloxane [D4]                | PBT & vPvB                      |
| Acetic acid                                      | The substance is not PBT / vPvB |
| 4,5-dichloro-2-octyl-2H-isothiazol-3-one [DCOIT] | 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. |         |

## 12.7. Other adverse effects

No information available.

## **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 -  
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

# SAFETY DATA SHEET

EVO-STIK 1 HOUR SHOWER BATHROOM SEALANT  
WHITE  
Supersedes date 12-Jun-2023

Revision date 29-Aug-2024

Revision Number 2.05

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  $\geq 0.1\%$  (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)

##### **Export Notification requirements**

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.

##### **Dangerous substance category per Seveso Directive (2012/18/EU)**

O1 - Substances or mixtures with hazard statement EUH014

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

# SAFETY DATA SHEET

EVO-STIK 1 HOUR SHOWER BATHROOM SEALANT  
WHITE  
Supersedes date 12-Jun-2023

Revision date 29-Aug-2024

Revision Number 2.05

Not applicable

## Persistent Organic Pollutants

Not applicable

## REGULATION (EU) 2019/1148 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 20 June 2019 on the marketing and use of explosives precursors

Not applicable

## 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 H-Statements referred to under section 3**

H226 - Flammable liquid and vapour  
H302 - Harmful if swallowed  
H314 - Causes severe skin burns and eye damage  
H317 - May cause an allergic skin reaction  
H318 - Causes serious eye damage  
H330 - Fatal if inhaled  
H400 - Very toxic to aquatic life  
H410 - Very toxic to aquatic life with long lasting effects

#### **Notes relating to the identification, classification and labelling of substances**

Note B - Some substances (acids, bases, etc.) are placed on the market in aqueous solutions at various concentrations and, therefore, these solutions require different classification and labelling since the hazards vary at different concentrations. In Part 3 entries with Note B have a general designation of the following type: 'nitric acid ... %'. In this case the supplier must state the percentage concentration of the solution on the label. Unless otherwise stated, it is assumed that the percentage concentration is calculated on a weight/weight basis

**Note V:** If the substance is to be placed on the market as fibres (with diameter < 3 µm, length > 5 µm and aspect ratio ≥ 3:1) or particles of the substance fulfilling the WHO fibre criteria or as particles with modified surface chemistry, their hazardous properties must be evaluated in accordance with Title II of this Regulation, to assess whether a higher category (Carc. 1B or 1A) and/or additional routes of exposure (oral or dermal) should be applied

Note W - It has been observed that the carcinogenic hazard of this substance arises when respirable dust is inhaled in quantities leading to significant impairment of particle clearance mechanisms in the lung. This note aims to describe the particular toxicity of the substance; it does not constitute a criterion for classification according to this Regulation

#### **Notes relating to the classification and labelling of mixtures**

**Note 10:** The classification as a carcinogen by inhalation applies only to mixtures in powder form containing 1 % or more of titanium dioxide which is in the form of or incorporated in particles with aerodynamic diameter ≤ 10 µm

SVHC: Substances of Very High Concern for Authorisation:

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

vPvB: Very Persistent and very Bioaccumulative (vPvB) Substances

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

# SAFETY DATA SHEET

**EVO-STIK 1 HOUR SHOWER BATHROOM SEALANT**  
**WHITE**  
Supersedes date 12-Jun-2023

Revision date 29-Aug-2024

Revision Number 2.05

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               | Sk*  | 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    |
| Acute inhalation toxicity - gas                                 | Calculation method    |
| Acute inhalation toxicity - vapour                              | Calculation method    |
| Acute inhalation toxicity - dust/mist                           | Calculation method    |
| Skin corrosion/irritation                                       | On basis of test data |
| Serious eye damage/eye irritation                               | On basis of test data |
| 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)  
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** 29-Aug-2024

**Revision note** SDS sections updated

**Training Advice** No information available

**Further information** No information available

## Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

Regulation (EC) No. 1907/2006 as amended by Regulation (EU) No. 2020/878, and Regulation (EC) No. 1272/2008

## 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.

# SAFETY DATA SHEET

EVO-STIK 1 HOUR SHOWER BATHROOM SEALANT  
WHITE  
Supercedes date 12-Jun-2023

Revision date 29-Aug-2024

Revision Number 2.05

---

**End of Safety Data Sheet**