

This safety data sheet was created pursuant to the requirements of: Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008

**EVO-STIK SILICONE MP SEALANT BLACK** Supercedes Date: 11-Jan-2022

Revision date 26-Jan-2022 **Revision Number** 3

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

| 1 | .1 | . P | rod | uct | identifier |  |
|---|----|-----|-----|-----|------------|--|
| _ |    |     |     |     |            |  |

**Product Name** EVO-STIK SILICONE MP SEALANT BLACK Pure substance/mixture Mixture

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

Sealant. None known

| Recommended use      |  |
|----------------------|--|
| Uses advised against |  |

1.3. Details of the supplier of the safety data sheet

#### **Company Name**

Bostik Industries Limited Newtown, Swords Co. Dublin Ireland Tel: +353 (1) 8624900 Fax: +353 (1) 8402186

#### E-mail address

SDS.box-EU@bostik.com

# 1.4. Emergency telephone number

| United Kingdom | +44 (1785) 272650 | )                        |
|----------------|-------------------|--------------------------|
| Ireland        | +353 (1) 8624900  | (Monday- Friday 9am-5pm) |

# SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

Chronic aquatic toxicity

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 4,5-dichloro-2-octyl-2H-isothiazol-3-one [DCOIT] & Dimethylbis[(1-oxoneodecyl)oxy]stannane. May produce an allergic reaction

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

#### 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.

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#### PBT & vPvB

This mixture contains no substance considered to be persistent, bioaccumulating or toxic (PBT). This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

# SECTION 3: Composition/information on ingredients

#### 3.1 Substances

Not applicable

# 3.2 Mixtures

| Chemical name   | EC No     | CAS No      | Weight-%     | Classification<br>according to<br>Regulation (EC)<br>No. 1272/2008<br>[CLP]  | Specific<br>concentration limit<br>(SCL)  | REACH<br>registration<br>number |
|---|-----------|-------------|--------------|--|---|---------------------------------|
| Hydrocarbons, C15-C20,<br>n-alkanes, isoalkanes,<br>cyclics, < 0.03%<br>aromatics |           | RR-100252-4 |              | Asp. Tox. 1<br>(H304)  | -   | 01-2119827000-<br>58-XXXX       |
| Triacetoxy(propyl)silane  | 241-816-9 | 17865-07-5  | 1 - <3       | Skin Corr. 1B<br>(H314)<br>(EUH071)  | -   | 01-2119966899-<br>07-XXXX       |
| Silanetriol, methyl-,<br>triacetate   | 224-221-9 | 4253-34-3   | 1 - <2.5     | Skin Corr. 1C<br>(H314)<br>Acute Tox. 4<br>(H302)<br>(EUH014)  | -   | 01-2119962266-<br>32-XXXX       |
| Octamethylcyclotetrasilo<br>xane [D4]   | 209-136-7 | 556-67-2    | 0.01 - <0.05 | Repr. 2 (H361f)<br>Aquatic Chronic<br>1 (H410)<br>Flam. Liq. 3<br>(H226)<br>(M Factor<br>Chronic = 10)<br>PBT vPBT   | -   | 01-2119529238-<br>36-XXXX       |
| 4,5-dichloro-2-octyl-2H-i<br>sothiazol-3-one [DCOIT]                              | 264-843-8 | 64359-81-5  | 0.01 - <0.05 | Skin Corr. 1B<br>(H314)<br>Eye Dam. 1<br>(H318)<br>Skin Sens. 1A<br>(H317)<br>Acute Tox. 4<br>(H302)<br>Acute Tox. 2<br>(H330)<br>Aquatic Acute 1<br>(H400) M=100<br>Aquatic Chronic<br>1 (H410) M=100<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% | -                               |
| Dimethylbis[(1-oxoneode<br>cyl)oxy]stannane                                       | 273-028-6 | 68928-76-7  | 0.01 - <0.05 | Skin Irrit. 2<br>(H315)<br>Skin Sens. 1A<br>(H317)<br>Acute Tox. 4<br>(H302)   | -   | 01-2120770324-<br>57-xxxx       |

### **EVO-STIK SILICONE MP SEALANT BLACK**

|  |  |  | Aquatic Chronic<br>3 (H412) |  |  |  |
|--|--|--|-----------------------------|--|--|--|
|  |  |  |                             |  |  |  |

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

Note: ^ indicates not classified, however, the substance is listed in section 3 as it has an OEL

Substances identified by a number starting "RR-" in the CAS-field are substances for which there is no CAS# used in EU and we use an internal numbering system to track within our SDS software

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   | d effects, both acute and delayed  |
| Symptoms   | None known.  |
| 4.3. Indication of any immediate m   | edical attention and special treatment needed  |
| Note to doctors  | Treat symptomatically.   |
|  |  |
| SECTION 5: Firefighting me   | asures   |
| SECTION 5: Firefighting me   | asures   |
|  | asures<br>Water spray, carbon dioxide (CO2), dry chemical, alcohol-resistant foam.   |
| 5.1. Extinguishing media   |  |
| 5.1. Extinguishing media<br>Suitable Extinguishing Media   | Water spray, carbon dioxide (CO2), dry chemical, alcohol-resistant foam.<br>Full water jet.  |
| 5.1. Extinguishing media<br>Suitable Extinguishing Media<br>Unsuitable extinguishing media   | Water spray, carbon dioxide (CO2), dry chemical, alcohol-resistant foam.<br>Full water jet.  |
| 5.1. Extinguishing media<br>Suitable Extinguishing Media<br>Unsuitable extinguishing media<br>5.2. Special hazards arising from the  | Water spray, carbon dioxide (CO2), dry chemical, alcohol-resistant foam.<br>Full water jet.<br><b>he substance or mixture</b>  |
| 5.1. Extinguishing media<br>Suitable Extinguishing Media<br>Unsuitable extinguishing media<br>5.2. Special hazards arising from the<br>Specific hazards arising from the<br>chemical | Water spray, carbon dioxide (CO2), dry chemical, alcohol-resistant foam.<br>Full water jet.<br><u>he substance or mixture</u><br>Thermal decomposition can lead to release of irritating gases and vapours.<br>Carbon dioxide (CO2). Silicon oxides. Silicon dioxide. Thermal decomposition can lead |

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| SECTION 6: Accidental relea  | 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 conta                                      | ainment 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 st   | orage   |  |  |  |  |
| 7.1. Precautions for safe handling                                       | _   |  |  |  |  |
| 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, in                                     | cluding any incompatibilities   |  |  |  |  |
| Storage Conditions   | Protect from moisture. Keep away from food, drink and animal feedingstuffs.   |  |  |  |  |
| Recommended storage temperature  | Keep at temperatures between 10 and 35 °C.  |  |  |  |  |
| 7.3. Specific end use(s)   |   |  |  |  |  |
| <b>Specific use(s)</b><br>Sealant.                                       |   |  |  |  |  |
| Risk Management Methods (RMM)  | The information required is contained in this Safety Data Sheet.  |  |  |  |  |
| Other information  | Observe technical data sheet.   |  |  |  |  |
| SECTION 8: Exposure control  | ols/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

| Chemical name | European Union            | Ireland                   | United Kingdom            |
|---------------|---------------------------|---------------------------|---------------------------|
| Acetic acid   | TWA: 25 mg/m <sup>3</sup> | TWA: 20 ppm               | TWA: 10 ppm               |
| 64-19-7       | TWA: 10 ppm               | TWA: 50 mg/m <sup>3</sup> | TWA: 25 mg/m <sup>3</sup> |

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| STEL: 50 mg/m <sup>3</sup> | STEL: 20 ppm               | STEL: 20 ppm               |
|----------------------------|----------------------------|----------------------------|
| STEL: 20 ppm               | STEL: 50 mg/m <sup>3</sup> | STEL: 50 mg/m <sup>3</sup> |

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

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

| Derived No Effect Level (DNEL)                   |                |                                   |               |  |  |
|--|----------------|-----------------------------------|---------------|--|--|
| Octamethylcyclotetrasiloxane [D4] (556-67-2)     |                |                                   |               |  |  |
| Туре   | Exposure route | Derived No Effect Level<br>(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 No information available. (PNEC)

| Predicted No Effect Concentration (PNEC)     |  |
|--|--|
| 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 <sup>™</sup> . 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**

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

| Physical state<br>Appearance<br>Colour | Solid<br>Viscous Paste<br>Black<br>Acetic acid |
|--|--|
| Odour                                  |  |
| Odour threshold                        | No information available                       |
| Property<br>pH                         | Values<br>No data available                    |
| •                                      | No data available                              |
| pH (as aqueous solution)               |  |
| Melting point / freezing point         | No data available                              |
| Initial boiling point and boiling      | No data available                              |
| range                                  | 400.00   |
| Flash point                            | > 100 °C                                       |
| Evaporation rate                       | No data available                              |
| Flammability                           | Not applicable for liquids .                   |
| Flammability Limit in Air              |  |
| Upper flammability or explosive        | No data available                              |
| limits                                 |  |
| Lower flammability or explosive        | No data available                              |
| limits                                 |  |
| Vapour pressure                        | No data available                              |
| Relative vapour density                | No data available                              |
| Relative density                       | No data available                              |
| Water solubility                       | Product cures with moisture                    |
| Solubility(ies)                        | No data available                              |
| Partition coefficient                  | No data available                              |
| Autoignition temperature               | No data available                              |
| Decomposition temperature              | No data available                              |
| Kinematic viscosity                    | > 21 mm²/s                                     |
| Dynamic viscosity                      | No data available                              |
| Explosive properties                   | No data available                              |
| Oxidising properties                   | No data available                              |
|  |  |
|  |  |
| 9.2. Other information                 |  |

**Remarks** • Method Not applicable Insoluble in water

# 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                 | None.                           |
| impact<br>Sensitivity to static discharge | None.                           |
| 10.3. Possibility of hazardous reac       | tions_                          |
| Possibility of hazardous reactions        | None under normal processing.   |

0.97

No information available

Solid content (%) VOC Content (%) Liquid Density

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| 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 p     | roducts  |
| Hazardous decomposition products    | None under normal use conditions. Stable under recommended storage conditions.   |
| SECTION 11: Toxicological           | information  |
| 11.1. Information on toxicological  | effects_   |
| Information on likely routes of exp | bosure   |
| 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.  |

Numerical measures of toxicity

# Acute toxicity

# **Component Information**

| Chemical name  | Oral LD50                              | Dermal LD50                         | Inhalation LC50                   |
|--|--|-------------------------------------|-----------------------------------|
| Hydrocarbons, C15-C20,                               | LD50 > 5000 mg/kg (Rattus)<br>OECD 401 | LD50 > 3160 mg/kg                   | LC50 Inhalation(4h) >5266         |
| n-alkanes, isoalkanes, cyclics,<br>< 0.03% aromatics | OECD 401                               | (Oryctolagus cuniculus)<br>OECD 402 | MG/M3 (Rattus)                    |
| RR-100252-4  |  |                                     |                                   |
| Silanetriol, methyl-, triacetate                     | LD50 = 1600 mg/kg (Rattus)             |                                     |                                   |
| 4253-34-3  | OECD 401                               |                                     |                                   |
| Octamethylcyclotetrasiloxane                         | LD50 > 4800 mg/kg (Rattus)             | LD50 > 2400 mg/kg (Rattus)          | =36 g/m <sup>3</sup> (Rattus) 4 h |
| [D4]   | OECD 401                               | OECD 402                            |                                   |
| 556-67-2   |  |                                     |                                   |
| 4,5-dichloro-2-octyl-2H-isothiaz                     | =1636 mg/kg (Rattus)                   | > 2000 mg/kg (Oryctolagus           | =0.26 mg/L (Rattus) 4 h           |
| ol-3-one [DCOIT]                                     |  | cuniculus)                          |                                   |
| 64359-81-5   |  |                                     |                                   |
| Dimethylbis[(1-oxoneodecyl)ox                        | LD50 =892 mg/Kg (Rattus)               | LD50 >2000 mg/Kg (rattus)           |                                   |
| y]stannane   | (OECD 401)                             |                                     |                                   |
| 68928-76-7   |  |                                     |                                   |

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

#### Respiratory or skin sensitisation

No classification is proposed, based on conclusive negative data. OECD Test No. 406: Skin Sensitisation. May cause sensitisation in susceptible persons.

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

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.

| Chemical name                     | European Union |
|-----------------------------------|----------------|
| Octamethylcyclotetrasiloxane [D4] | Repr. 2        |
| 556-67-2                          |                |

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

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### 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<br>plants   | Fish  | Toxicity to<br>microorganisms | Crustacea   | M-Factor | M-Factor<br>(long-term) |
|---|---|---|-------------------------------|---|----------|-------------------------|
| Hydrocarbons,<br>C15-C20, n-alkanes,<br>isoalkanes, cyclics, <<br>0.03% aromatics<br>RR-100252-4<br>Triacetoxy(propyl)silan | EL50 (72h)<br>>10,000 mg/L<br>(Skeletonema<br>costatum)<br>ISO 10253<br>EC50 (72h): | LL50 (96h) ><br>1028 mg/L<br>(Scophthalmus<br>maximus)<br>OECD 203<br>LC50 (96h) =                      | -                             | LL50 (48h)><br>3193 mg/l<br>(Acartia tonsa)<br>EC50 (48h) = |          |                         |
| e<br>17865-07-5   | approx. 24<br>mg/l(Pseudokirc<br>henriella<br>subpicata)                            | 108.89 mg/L   |                               | 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)<br>>500 mg/l<br>(Brachydanio<br>rerio)   | -                             | EC50 (48h)<br>>500 mg/l<br>(Daphnia<br>magna)               |          |                         |
| Octamethylcyclotetrasil<br>oxane [D4]<br>556-67-2   |   | LC50:<br>>1000mg/L<br>(96h, Lepomis<br>macrochirus)<br>LC50:<br>>500mg/L (96h,<br>Brachydanio<br>rerio) | -                             | EC50:<br>=25.2mg/L (24h,<br>Daphnia magna)                  |          | 10                      |
| 4,5-dichloro-2-octyl-2H-<br>isothiazol-3-one<br>[DCOIT]<br>64359-81-5   | =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                     |
| Dimethylbis[(1-oxoneod<br>ecyl)oxy]stannane<br>68928-76-7   | -   | -   | -                             | EC50 =39 mg/L<br>(Daphnia<br>magna)<br>(OECD 201)           |          |                         |

# 12.2. Persistence and degradability

Persistence and degradability No information available.

| Component Information   |               |           |              |  |
|---|---------------|-----------|--------------|--|
| 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                                |               | Half-life | 1.1-1.3 days |  |
| Anaerobic Transformation in                                   |               |           |              |  |
| Aquatic Sediment Systems                                      |               |           |              |  |

| Dimethylbis[(1-oxoneodecyl)oxy]stannane (68928-76-7) |               |       |                           |
|--|---------------|-------|---------------------------|
| Method   | Exposure time | Value | Results                   |
| OECD Test No. 301B: Ready                            | 28 days       | 0%    | Not readily biodegradable |

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| Biodegradability: CO2 Evolution<br>Test (TG 301 B) |         |    |                           |
|--|---------|----|---------------------------|
| OECD Test No. 301F: Ready                          | 28 days | 3% | Not readily biodegradable |
| Biodegradability: Manometric                       |         |    |                           |
| Respirometry Test (TG 301 F)                       |         |    |                           |

# 12.3. Bioaccumulative potential

Bioaccumulation

There is no data for this product.

### **Component Information**

| Chemical name   | Partition coefficient | Bioconcentration factor (BCF) |
|---|-----------------------|-------------------------------|
| Triacetoxy(propyl)silane<br>17865-07-5                            | 1.23                  | -                             |
| Silanetriol, methyl-, triacetate<br>4253-34-3                     | -2.4                  | -                             |
| Octamethylcyclotetrasiloxane [D4]<br>556-67-2                     | 6.49                  | 12400                         |
| 4,5-dichloro-2-octyl-2H-isothiazol-3-one<br>[DCOIT]<br>64359-81-5 | 4.4                   | 13                            |

# 12.4. Mobility in soil

Mobility in soil

No information available.

# 12.5. Results of PBT and vPvB assessment

# PBT and vPvB assessment

| Chemical name  | PBT and vPvB assessment         |
|--|---------------------------------|
| Hydrocarbons, C15-C20, n-alkanes, isoalkanes, cyclics, < 0.03% | The substance is not PBT / vPvB |
| aromatics  |                                 |
| RR-100252-4  |                                 |
| Triacetoxy(propyl)silane                                       | The substance is not PBT / vPvB |
| 17865-07-5   |                                 |
| Silanetriol, methyl-, triacetate                               | The substance is not PBT / vPvB |
| 4253-34-3  |                                 |
| Octamethylcyclotetrasiloxane [D4]                              | PBT & vPvB                      |
| 556-67-2   |                                 |
| 4,5-dichloro-2-octyl-2H-isothiazol-3-one [DCOIT]               | The substance is not PBT / vPvB |
| 64359-81-5   |                                 |

# 12.6. Other adverse effects

Other adverse effects No information available.

# SECTION 13: Disposal considerations

13.1. Waste treatment methods

| Waste from residues/unused<br>products | Uncured product should be disposed of as hazardous waste. 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)<br>14.1 UN number or ID number<br>14.2 Proper Shipping Name<br>14.3 Transport hazard class(es)<br>14.4 Packing group<br>14.5 Environmental hazards<br>14.6 Special Provisions | Not regulated<br>Not regulated<br>Not regulated<br>Not applicable<br>None |                |
|--|---|----------------|
| IMDG<br>14.1 UN number or ID number  | Not regulated   |                |
|  | Not regulated   |                |
| 14.2 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 Provisions  | None  |                |
| 14.7 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 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 Provisions         | None           |

# Section 15: REGULATORY INFORMATION

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

#### European Union

#### 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 >=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 a biocide : Contains DCOIT. May produce an allergic reaction

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Ozone-depleting substances (ODS) regulation (EC) 1005/2009 Not applicable

Persistent Organic Pollutants 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

EUH014 - Reacts violently with water

- EUH071 Corrosive to the respiratory tract
- H226 Flammable liquid and vapour
- H302 Harmful if swallowed
- H304 May be fatal if swallowed and enters airways
- H314 Causes severe skin burns and eye damage
- H315 Causes skin irritation
- H317 May cause an allergic skin reaction
- H318 Causes serious eye damage
- 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
- H412 Harmful to aquatic life with long lasting effects

# Legend

| Legena  |  |
|---------|--|
| TWA     | TWA (time-weighted average)  |
| STEL    | STEL (Short Term Exposure Limit)   |
| Ceiling | Ceiling Limit Value  |
| *       | 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)                                  |
| ΙΑΤΑ    | 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

EVO-STIK SILICONE MP SEALANT BLACK Supercedes Date: 11-Jan-2022

| Revision date         | 26-Jan-2022                     |
|-----------------------|---------------------------------|
| Indication of changes |                                 |
| Revision note         | SDS sections updated, 2, 3, 11. |
| 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