



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)

**BOSTIK PRO SEALANT S21 MULTI PURPOSE SILICONE
GREY**
Supersedes Date: 29-Apr-2022

Revision date 09-May-2024

Revision Number 1.01

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

1.1. Product identifier

Product Name BOSTIK PRO SEALANT S21 MULTI PURPOSE SILICONE GREY

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 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)

| | |
|--------------------------|---------------------|
| 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]. May produce an allergic reaction

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

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

P102 - Keep out of reach of children

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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. 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 | EC No (EU Index No) | CAS No. | Weight-% | Classification according to Regulation (EC) No. 1272/2008 [CLP] | Specific concentration limit (SCL) | REACH registration number |
|--|--------------------------|------------|---------------|---|--|---------------------------|
| Silica, amorphous | 231-545-4 | 7631-86-9 | 5 - <10 | [B] | - | 01-2119379499-16-XXXX |
| Triacetoxypolypropylsilane | 241-816-9 | 17865-07-5 | 1 - <3 | Skin Corr. 1B (H314) (EUH071) | - | 01-2119966899-07-XXXX |
| Silanetriol, methyl-, triacetate | 224-221-9 | 4253-34-3 | 1 - <2.5 | Skin Corr. 1C (H314) Acute Tox. 4 (H302) (EUH014) | - | 01-2119962266-32-XXXX |
| Titanium dioxide | 236-675-5 (022-006-00-2) | 13463-67-7 | 0.1- <1 | [C] | - | 01-2119489379-17-XXXX |
| Octamethylcyclotetrasiloxane [D4] | 209-136-7 (014-018-00-1) | 556-67-2 | 0.01 - <0.1 | Repr. 2 (H361f) Aquatic Chronic 1 (H410) Flam. Liq. 3 (H226) [G] | - | 01-2119529238-36-XXXX |
| 4,5-dichloro-2-octyl-2H-isothiazol-3-one [DCOIT] | 264-843-8 (613-335-00-8) | 64359-81-5 | 0.01 <= 0.036 | Skin Corr. 1B (H314) Eye Dam. 1 (H318) Skin Sens. 1A (H317) Acute Tox. 4 (H302) Acute Tox. 2 (H330) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410) | Skin Irrit. 2 :: 0.025%<=C<5% Eye Irrit. 2 :: 0.025%<=C<3% Skin Sens. 1A :: C>=0.0015% | - |

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| | | | | (EUH071) | | |
|--|--|--|--|----------|--|--|

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

[B] - Substance with a Community workplace exposure limit

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

[G] - PBT / vPvB substance

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

Air contaminants formed when using the substance or mixture as intended

| 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 64-19-7 | 200-580-7 (607-002-00-6) | Skin Corr. 1A (H314) Flam. Liq. 3 (H226) | Eye Irrit. 2 :: 10%≤C<25% Skin Corr. 1A :: C≥90% Skin Corr. 1B :: 25%≤C<90% Skin Irrit. 2 :: 10%≤C<25% | - | - | 01-2119475328-30-XXXX |

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 |

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. |

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

Note to doctors 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 dioxide (CO₂). 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 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

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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 Small amounts of ethanol (CAS 64-17-5) 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 | United Kingdom |
|--------------------------------|--|---|
| Silica, amorphous 7631-86-9 | TWA: 0.1 mg/m ³ | TWA: 6 mg/m ³ TWA: 2.4 mg/m ³ STEL: 18 mg/m ³ STEL: 7.2 mg/m ³ |
| Acetic acid 64-19-7 | TWA: 25 mg/m ³ TWA: 10 ppm STEL: 50 mg/m ³ STEL: 20 ppm | TWA: 10 ppm TWA: 25 mg/m ³ STEL: 20 ppm STEL: 50 mg/m ³ |
| Titanium dioxide 13463-67-7 | - | TWA: 10 mg/m ³ TWA: 4 mg/m ³ STEL: 30 mg/m ³ STEL: 12 mg/m ³ |

Derived No Effect Level (DNEL) No information available

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

| Octamethylcyclotetrasiloxane [D4] (556-67-2) | | | |
|---|----------------|--------------------------------|---------------|
| Type | Exposure route | Derived No Effect Level (DNEL) | Safety factor |
| worker Long term Systemic health effects | Inhalation | 73 mg/m ³ | |

| Derived No Effect Level (DNEL) | | | |
|---------------------------------------|----------------|-------------------------|---------------|
| Titanium dioxide (13463-67-7) | | | |
| Type | Exposure route | Derived No Effect Level | Safety factor |

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| | | | |
|--|------|----------------|--|
| | | (DNEL) | |
| Consumer Long term 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 Long term Systemic health effects | Inhalation | 13 mg/m ³ | |
| Consumer Long term 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

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

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9.1. Information on basic physical and chemical properties

| | | |
|---|---|-------------------------------------|
| Physical state | Solid | |
| Appearance | Paste | |
| Colour | Grey | |
| Odour | Acetic acid. | |
| Property | Values | Remarks • Method |
| Melting point / freezing point | No data available | None known |
| Initial boiling point and boiling range | ≥ 300 °C | |
| Flammability | No data available | |
| Flammability Limit in Air | | None known |
| Upper flammability or explosive limits | No data available | |
| Lower flammability or explosive limits | No data available | |
| Flash point | > 100 °C | CC (closed cup) |
| Autoignition temperature | > 200 | |
| Decomposition temperature | | None known |
| pH | No data available | Not applicable. Insoluble in water. |
| pH (as aqueous solution) | No data available | None known |
| Kinematic viscosity | > 21 mm ² /s | @ 40 °C |
| Dynamic viscosity | No data available | |
| Water solubility | Insoluble in water. Product cures with moisture | |
| Solubility(ies) | No data available | None known |
| Partition coefficient | No data available | None known |
| Vapour pressure | No data available | None known |
| Relative density | 1.02 - 1.05 | |
| Bulk Density | No data available | |
| Density | 1.02 - 1.05 g/cm ³ | |
| 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 | | 44.9 g/L |

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 | None. |
|---------------------------|-------|

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impact

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 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

Numerical measures of toxicity

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

ATEmix (oral) 137,355.00 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 |
|----------------------------------|----------------------------|--------------------------------------|------------------------|
| Silica, amorphous | =7900 mg/kg (Rattus) | > 5000 mg/kg (Oryctolagus cuniculus) | >2.2 mg/L (Rattus) 1 h |
| Silanetriol, methyl-, triacetate | LD50 = 1600 mg/kg (Rattus) | - | - |

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| | | | |
|--|-------------------------------------|--------------------------------------|-----------------------------------|
| | 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 ³ (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 Non-irritant |

| Titanium dioxide (13463-67-7) | | | | | |
|--|---------|----------------|----------------|---------------|--------------|
| Method | Species | Exposure route | Effective dose | Exposure time | Results |
| OECD Test No. 404: Acute Dermal 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 |
| | | | | | Non-irritant |
| | Rabbit | eye | | 6 days | Product score <=1 Non-irritant |

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

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

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 | Sensitizing |

Germ cell mutagenicity

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

Carcinogenicity

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

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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) |
|---|--|--|----------------------------|---|----------|----------------------|
| Silica, amorphous 7631-86-9 | EC50: =440mg/L (72h, Pseudokirchneriella subcapitata) | LC50: =5000mg/L (96h, Brachydanio rerio) | - | EC50: =7600mg/L (48h, Ceriodaphnia dubia) | | |
| Triacetoxyp(ropyl)silane 17865-07-5 | EC50 (72h): approx. 24 mg/l(Pseudokirchneriella subcapitata) | LC50 (96h) = 108.89 mg/L | - | EC50 (48h) = 89.59 mg/L | | |
| Silanetriol, methyl-, triacetate 4253-34-3 | EC50 (72h): >500 mg/l (Pseudokirchneriella subcapitata) | LC50 (96h) >500 mg/l (Brachydanio rerio) | - | EC50 (48h) >500 mg/l (Daphnia magna) | | |
| Titanium dioxide 13463-67-7 | LC50 (96h) >10000 mg/l (Cyprinodon variegatus) OECD 203 | - | - | - | | |
| Octamethylcyclotetrasiloxane [D4] 556-67-2 | - | LC50: >1000mg/L (96h, Lepomis) | - | EC50: =25.2mg/L (24h, Daphnia magna) | | 10 |

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|---|--|--|---|--|-----|-----|
| | | macrochirus) LC50: >500mg/L (96h, Brachydanio rerio) | | | | |
| 4,5-dichloro-2-octyl-2H- isothiazol-3-one [DCOIT] 64359-81-5 | EC50 (72h) =0.025 mg/L Algae (Scenedesmus subspicatus)(OE CD 201) | LC50 (96h) 0.0078 mg/L (Oncorhynchus mykiss)(OECD 203) | - | EC50 (48h) 0.0097 mg/L Daphnia magna (OECD 202) | 100 | 100 |

12.2. Persistence and degradability

Persistence and degradability No information available.

Silica, amorphous (7631-86-9)

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

Octamethylcyclotetrasiloxane [D4] (556-67-2)

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 |
|--|-----------------------|
| Triacetoxypolypropylsilane | 1.23 |
| Silanetriol, methyl-, triacetate | -2.4 |
| Octamethylcyclotetrasiloxane [D4] | 6.49 |
| 4,5-dichloro-2-octyl-2H-isothiazol-3-one [DCOIT] | 4.4 |

12.4. Mobility in soil

Mobility in soil No information available.

12.5. Results of PBT and vPvB assessment

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

| Chemical name | PBT and vPvB assessment |
|--|---------------------------------|
| Silica, amorphous | The substance is not PBT / vPvB |
| 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 |
| 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.

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| 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 |
| 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 | |

SAFETY DATA SHEET

**BOSTIK PRO SEALANT S21 MULTI PURPOSE SILICONE
GREY**
Supersedes Date: 29-Apr-2022

Revision date 09-May-2024

Revision Number 1.01

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)

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

01 - Substances or mixtures with hazard statement EUH014

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

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

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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
H361f - Suspected of damaging fertility
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 V: If the substance is to be placed on the market as fibres (with diameter $< 3 \mu\text{m}$, length $> 5 \mu\text{m}$ and aspect ratio $\geq 3:1$) 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

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 $\leq 10 \mu\text{m}$

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

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Indication of changes

Revision note SDS sections updated, 2, 3, 11, 12.
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