

Revision date 29-Apr-2022

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

BOSTIK PRO SEALANT S21 MULTI PURPOSE SILICONE

GREY

Supercedes Date: 29-Apr-2022 Revision Number 1

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 +44 (1785) 272650

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)

Europe 112

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]. May produce an allergic reaction

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

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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. 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 | 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 |
| Triacetoxy(propyl)silane | 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 | 13463-67-7 | 0.1 - <1 | [C] | - | 01-2119489379- 17-XXXX |
| 4,5-dichloro-2-octyl-2H-i sothiazol-3-one [DCOIT] | | 64359-81-5 | 0.01 - <0.05 | 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) (EUH071) | Skin Irrit. 2 :: 0.025%<=C<5% Eye Irrit. 2 :: 0.025%<=C<3% Skin Sens. 1A :: C>=0.0015% | - |

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

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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.

Immediately flush with plenty of water. After initial flushing, remove any contact lenses Eye contact

and continue flushing for at least 15 minutes. Consult an ophthalmologist.

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

doctor.

Never give anything by mouth to an unconscious person. Rinse mouth thoroughly with Ingestion

water. Drink 1 or 2 glasses of water. Do NOT induce vomiting.

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

None known. **Symptoms**

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

Treat symptomatically. Note to doctors

SECTION 5: Firefighting measures

5.1. Extinguishing media

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

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.

Carbon oxides. Carbon dioxide (CO2). Silicon dioxide. Thermal decomposition can lead **Hazardous combustion products**

to release of irritating and toxic gases and vapours.

5.3. Advice for firefighters

Special protective equipment and Wear self contained breathing apparatus for fire fighting if necessary.

precautions for fire-fighters

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Do not get in eyes, on skin, or on clothing. Use personal protective equipment as Personal precautions

required. Ensure adequate ventilation.

For emergency responders Use personal protection recommended in Section 8.

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6.2. Environmental precautions

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

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

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

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling Ensure adequate ventilation.

Do not eat, drink or smoke when using this product. Wash hands before breaks and after **General hygiene considerations**

work. Take off all contaminated clothing and wash it before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions Protect from moisture. Keep away from food, drink and animal feedingstuffs.

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.

Observe technical data sheet. Other information

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 | TWA: 0.1 mg/m ³ | TWA: 6 mg/m ³ |
| 7631-86-9 | | TWA: 2.4 mg/m ³ |
| | | TWA: 0.1 mg/m ³ |
| | | STEL: 18 mg/m ³ |
| | | STEL: 7.2 mg/m ³ |
| | | STEL: 0.3 mg/m ³ |
| Acetic acid | TWA: 25 mg/m ³ | TWA: 10 ppm |
| 64-19-7 | TWA: 10 ppm | TWA: 25 mg/m ³ |
| | STEL: 50 mg/m ³ | STEL: 20 ppm |
| | STEL: 20 ppm | STEL: 50 mg/m ³ |

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

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

Predicted No Effect Concentration No information available. **(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 | | |

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 None under normal use conditions.

Skin and body protection

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 Grey Colour Odour Acetic acid.

Odour threshold No information available

Property <u>Values</u> Remarks • Method

Melting point / freezing point No data available None known

Initial boiling point and boiling >= 300 °C

range

Not applicable for liquids . **Flammability**

Flammability Limit in Air None known

Upper flammability or explosive No data available

limits

Lower flammability or explosive No data available

limits

> 100 °C CC (closed cup) Flash point

Autoignition temperature > 200 °C

Decomposition temperature

None known No data available Not applicable Insoluble in water pН

pH (as aqueous solution) No data available None known

Kinematic viscosity > 21 mm²/s @ 40 °C

Dynamic viscosity No data available

No data available Insoluble in water Water solubility

Product cures with moisture

Solubility(ies) No data available None known Partition coefficient None known No data available Vapour pressure No data available None known

Relative density 1.02 - 1.05 No data available **Bulk Density**

Density

Relative vapour density No data available None known

Particle characteristics

No information available **Particle Size Particle Size Distribution** No information available

9.2. Other information **VOC** Content (%)

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

Stable under normal conditions. Stability

Explosion data

Sensitivity to mechanical

impact

None.

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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.

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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

Component Information

| Chemical name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|---|----------------------------|--------------------------------------|--------------------------|
| Silica, amorphous | =7900 mg/kg (Rattus) | > 5000 mg/kg (Oryctolagus | >2.2 mg/L (Rattus) 1 h |
| | | cuniculus) | |
| 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 |
| 4,5-dichloro-2-octyl-2H-isothiaz ol-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

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BOSTIK PRO SEALANT S21 MULTI PURPOSE SILICONE Revision date 29-Apr-2022 **GREY** Supercedes Date: 29-Apr-2022 **Revision Number** 1 Skin corrosion/irritation The assessment of the result of testing was done in accordance with the guideline of the Commission 92/69/EEC. Method Effective dose Exposure time Exposure route Results **Species** Dermal Product score <=1 Rabbit 6 days Non-irritant Titanium dioxide (13463-67-7) Method Species **Exposure route** Results Effective dose Exposure time OECD Test No. 404: Rabbit Non-irritant Dermal Acute Dermal Irritation/Corrosion 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. 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) Results Method Species Exposure route Effective dose Exposure time OECD Test No. 405: Rabbit Non-irritant Eye Acute Eve Irritation/Corrosion 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. Exposure route Method Species Results OECD Test No. 406: Skin Dermal Guinea pig No sensitisation responses Sensitisation were observed Titanium dioxide (13463-67-7) Method Results **Species Exposure route** OECD Test No. 406: Skin Dermal Not a skin sensitiser Guinea pig Sensitisation OECD Test No. 429: Skin Mouse Dermal Not a skin sensitiser Sensitisation: Local Lymph Node Assay 4,5-dichloro-2-octyl-2H-isothiazol-3-one [DCOIT] (64359-81-5) Method Species **Exposure route** Results OECD Test No. 406: Skin Guinea pig sensitising Sensitisation 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.

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

STOT - repeated exposureBased 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 | Fish | Toxicity to | Crustacea | M-Factor | M-Factor |
|--------------------------|-------------------|---------------|----------------|---------------|----------|-------------|
| | plants | | microorganisms | | | (long-term) |
| Silica, amorphous | EC50: | LC50: | - | EC50: | | |
| 7631-86-9 | =440mg/L (72h, | =5000mg/L | | =7600mg/L | | |
| | Pseudokirchneri | (96h, | | (48h, | | |
| | ella subcapitata) | Brachydanio | | Ceriodaphnia | | |
| | | rerio) | | dubia) | | |
| Triacetoxy(propyl)silan | EC50 (72h): | LC50 (96h) = | - | EC50 (48h) = | | |
| е | approx. 24 | 108.89 mg/L | | 89.59 mg/L | | |
| 17865-07-5 | mg/I(Pseudokirc | | | | | |
| | henriella | | | | | |
| | subpicata) | | | | | |
| Silanetriol, methyl-, | EC50 (72h): | LC50 (96h) | - | EC50 (48h) | | |
| triacetate | >500 mg/l | >500 mg/l | | >500 mg/l | | |
| 4253-34-3 | (Pseudokirchner | (Brachydanio | | (Daphnia | | |
| | ella subcapitata) | rerio) | | magna) | | |
| Titanium dioxide | LC50 (96h) | - | - | - | | |
| 13463-67-7 | >10000 mg/l | | | | | |
| | (Cyprinodon | | | | | |
| | variegatus) | | | | | |
| | OECD 203 | | | | | |
| 4,5-dichloro-2-octyl-2H- | | LC50 (96h) | - | EC50 (48h) | 100 | 100 |
| isothiazol-3-one | =0.025 mg/L | 0.0078 mg/L | | 0.0097 mg/L | | |
| [DCOIT] | Algae | (Oncorhynchus | | Daphnia magna | | |
| 64359-81-5 | (Scenedesmus | mykiss)(OECD | | (OECD 202) | | |
| | subspicatus)(OE | 203) | | | | |
| | CD 201) | | | | | |

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 |

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| | 1. |
|--|--|
| | biodegradability are not |
| | applicable to inorganic |
| | substances |

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 | | | |

12.3. Bioaccumulative potential

Bioaccumulation

Component Information

| Chemical name | Partition coefficient |
|--|-----------------------|
| Triacetoxy(propyl)silane | 1.23 |
| Silanetriol, methyl-, triacetate | -2.4 |
| 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 PBT assessment does |
| | not apply |
| Triacetoxy(propyl)silane | The substance is not PBT / vPvB |
| Silanetriol, methyl-, triacetate | The substance is not PBT / vPvB |
| Titanium dioxide | The substance is not PBT / vPvB PBT assessment does |
| | not apply |
| 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.

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.

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SECTION 14: Transport information

Land transport (ADR/RID)

14.1 UN number or ID numberNot regulated14.2 Proper Shipping NameNot regulated14.3 Transport hazard class(es)Not regulated14.4 Packing groupNot regulated14.5 Environmental hazardsNot applicable

14.6 Special Provisions None

IMDG

14.1 UN number or ID numberNot regulated14.2 Proper Shipping NameNot regulated14.3 Transport hazard class(es)Not regulated14.4 Packing groupNot regulated14.5 Marine pollutantNP

14.5 Marine pollutant NP 14.6 Special Provisions None

14.7 Maritime transport in bulk Not applicable

according to IMO instruments

Air transport (ICAO-TI / IATA-DGR)

14.1 UN number or ID numberNot regulated14.2 Proper Shipping NameNot regulated14.3 Transport hazard class(es)Not regulated14.4 Packing groupNot regulated14.5 Environmental hazardsNot 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

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, 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)

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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

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

Legend

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)
IATA International Air Transport Association (IATA)

RID Regulations concerning the International Transport of Dangerous Goods by Rail

Key literature references and sources for data

No information available

Prepared By Product Safety & Regulatory Affairs

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Indication of changes

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

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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

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