

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

EVO-STIK STICKS LIKE SH*T SEALANT CLEAR

Supercedes date 04-Oct-2022

Revision date 09-Jul-2024 Revision Number 4.02

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

1.1. Product identifier

Product Name EVO-STIK STICKS LIKE SH*T SEALANT CLEAR

Pure substance/mixture Mixture

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

Recommended use Adhesives Sealant

Uses advised against Not to be used in articles intended for direct or prolonged skin contact Not to be used in

production of toys or childcare articles Fabrics, textiles and apparel: bedding and clothing Gloves Footwear (shoes, boots) Paper products: tissue, towels, disposable dinnerware, nappies, feminine hygiene products, adult incontinence products, writing paper

Reason why uses advised against Restricted substance per REACH Annex XVII

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)

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]

2.2. Label elements

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]

Signal word

None

Hazard statements

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]

EU Specific Hazard Statements

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EUH208 - Contains Trimethoxyvinylsilane & N-(3-(trimethoxysilyl)propyl)ethylenediamine. 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

2.3. Other hazards

Small amounts of methanol (CAS 67-56-1) are formed by hydrolysis and released upon curing.

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 (EU | CAS No | Classification | | M-Factor | M-Factor | _ |
|---|---------------------------------|-----------|---|---------------------|----------|-----------|---------------------------|
| | Index No). | | according to | concentration limit | | (long-ter | registration |
| | | | Regulation (EC) No. | (SCL) | | m) | number |
| | | | 1272/2008 [CLP] | | | | |
| Trimethoxyvinylsilane 1 - <2.5 % | 220-449-8 (014-049-00- 0) | 2768-02-7 | Acute Tox. 4 (H332) Skin Sens. 1B (H317) Flam. Liq. 3 (H226) | - | - | - | 01-2119513215- 52-XXXX |
| N-(3-(trimethoxysilyl)pro pyl)ethylenediamine 0.1- <1 % | 217-164-6 | 1760-24-3 | Eye Dam. 1 (H318) Skin Sens. 1 (H317) Acute Tox. 4 (H332) STOT SE 3 (H335) | - | - | - | 01-2119970215- 39-XXXX |
| Dioctyltin oxide 0.1- <1 % | 212-791-1 | 870-08-6 | STOT SE 2 (H371) | - | - | - | 01-2119971268- 27-xxxx |

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

Acute Toxicity Estimate

If LD50/LC50 data is not available or does not correspond to the classification category, then the appropriate conversion value from CLP Annex I, Table 3.1.2, is used to calculate the acute toxicity estimate (ATEmix) for classifying a mixture based on its components

| Chemical name | EC No (EU Index No) | CAS No. | Oral LD50 mg/kg | Dermal LD50 mg/kg | | Inhalation LC50 - 4 hour - | |
|---|-----------------------------|-----------|--------------------|----------------------|---------------------|-------------------------------|-----------|
| | | | | | dust/mist - mg/L | vapour - mg/L | gas - ppm |
| Trimethoxyvinylsilane | 220-449-8 (014-049-00-0) | 2768-02-7 | - | - | • | 11 | - |
| N-(3-(trimethoxysilyl)pr opyl)ethylenediamine | 217-164-6 | 1760-24-3 | • | - | 1.5 | - | - |
| Dioctyltin oxide | 212-791-1 | 870-08-6 | - | - | - | - | - |

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

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SECTION 4: First aid measures

4.1. Description of first aid measures

General advice If medical advice is needed, have product container or label at hand. Show this safety

data sheet to the doctor in attendance.

Inhalation Remove to fresh air. IF exposed or concerned: Get medical advice/attention.

Eye contact Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper

eyelids. Consult a doctor.

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

doctor.

Ingestion Small amounts of toxic methanol are released by hydrolysis.

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

Symptoms No information available.

Effects of Exposure No information available.

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

Note to doctors Small amounts of methanol (CAS 67-56-1) are formed by hydrolysis and released upon

curing.

SECTION 5: Firefighting measures

5.1. Extinguishing media

surrounding environment.

Unsuitable extinguishing media Full water jet.

5.2. Special hazards arising from the substance or mixture

Specific hazards arising from the

chemical

No information available.

Hazardous combustion products Carbon monoxide. Carbon dioxide (CO2). Silicon dioxide.

5.3. Advice for firefighters

Special protective equipment and precautions for fire-fighters

Special protective equipment and Firefighters should wear self-contained breathing apparatus and full firefighting turnout

gear. Use personal protection equipment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Ensure adequate ventilation.

6.2. Environmental precautions

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Environmental precautions 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 Handle in accordance with good industrial hygiene and safety practice.

7.2. Conditions for safe storage, including any incompatibilities

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

Recommended storage

temperature

Keep at temperatures between 10 and 35 $^{\circ}\text{C}.$ Do not freeze.

7.3. Specific end use(s)

Specific use(s)

Adhesives. Sealant.

Risk Management Methods (RMM) The information required is contained in this Safety Data Sheet.

Other information Observe technical data sheet.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure Limits Small amounts of methanol (CAS 67-56-1) are formed by hydrolysis and released upon curing

| Chemical name | European Union | United Kingdom |
|-------------------|----------------|-----------------------------|
| Silica, amorphous | - | TWA: 6 mg/m ³ |
| 7631-86-9 | | TWA: 2.4 mg/m ³ |
| | | STEL: 18 mg/m ³ |
| | | STEL: 7.2 mg/m ³ |
| Dioctyltin oxide | - | TWA: 0.1 mg/m ³ |
| 870-08-6 | | STEL: 0.2 mg/m ³ |
| | | Sk* |

Derived No Effect Level (DNEL) No information available

| Derived No Effect Level (DNEL) | | | | | | | |
|-----------------------------------|----------------|--------------------------------|---------------|--|--|--|--|
| Trimethoxyvinylsilane (2768-02-7) | | | | | | | |
| Туре | Exposure route | Derived No Effect Level (DNEL) | Safety factor | | | | |
| worker | Inhalation | 27,6 mg/m ³ | | | | | |

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| Systemic health effects Long term | | | |
|--|----------------------|-----------------------------------|---------------|
| worker Systemic health effects Long term | Dermal | 3,9 mg/kg bw/d | |
| | 41 1 11 1 (4700 040) | , | |
| N-(3-(trimethoxysilyl)propyl) | | | 0-1-1-1 |
| Type | Exposure route | Derived No Effect Level (DNEL) | Safety factor |
| worker Systemic health effects Long term | Inhalation | 35.5 mg/m³ | |
| worker Systemic health effects Long term | Dermal | 5 mg/kg bw/d | |
| Disctultin oxide (970 09 6) | | | |
| Dioctyltin oxide (870-08-6) Type | Exposure route | Derived No Effect Level (DNEL) | Safety factor |
| worker Long term Systemic health effects | Dermal | 0.05 mg/kg bw/d | |
| worker Long term | Inhalation | 0.004 mg/m³ | |
| Systemic health effects | | | |
| Derived No Effect Level (DNE | | | |
| Trimethoxyvinylsilane (2768- | | Dariyad Na Effect Layal | Sofoty factor |
| Туре | Exposure route | Derived No Effect Level (DNEL) | Safety factor |
| Consumer Systemic health effects Long term | Inhalation | 18,9 mg/m³ | |
| Consumer Systemic health effects Long term | Dermal | 7,8 mg/kg bw/d | |
| Consumer Systemic health effects Long term | Oral | 0,3 mg/kg bw/d | |
| | | | |
| N-(3-(trimethoxysilyl)propyl) | | | O-f-t-ft |
| Туре | Exposure route | Derived No Effect Level (DNEL) | Safety factor |
| Consumer Systemic health effects Long term | Oral | 2.5 mg/kg bw/d | |
| Consumer Systemic health effects Long term | Inhalation | 8.7 mg/m³ | |
| Consumer Systemic health effects Long term | Dermal | 2.5 mg/kg bw/d | |
| Dioctyltin oxide (870-08-6) | | | |
| Type | Exposure route | Derived No Effect Level (DNEL) | Safety factor |
| Consumer Long term Systemic health effects | Oral | 0.0005 mg/kg bw/d | |

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| Consumer | Dermal | 0.025 mg/kg bw/d | |
|-------------------------|------------|--------------------------|--|
| Long term | | | |
| Systemic health effects | | | |
| Consumer | Inhalation | 0.0009 mg/m ³ | |
| Long term | | | |
| Systemic health effects | | | |

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

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

| N-(3-(trimethoxysilyl)propyl)ethylenediamine (1760-24-3) | | | | | |
|--|--|--|--|--|--|
| Environmental compartment | Predicted No Effect Concentration (PNEC) | | | | |
| Freshwater | 0.062 mg/l | | | | |
| Marine water | 0.0062 mg/l | | | | |
| Sewage treatment plant | 25 mg/l | | | | |

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

8.2. Exposure controls

Engineering controls Ensure adequate ventilation, especially in confined areas.

Personal protective equipment

Eye/face protection Hand protection

Tight sealing safety goggles. Eye protection must conform to standard EN 166. Wear protective gloves. Gloves must conform to standard EN 374. Glove thickness > 0.7mm. Nitrile rubber. Butyl rubber. Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves. The breakthrough time of the gloves depends on the material and the thickness as well as the temperature. Gloves should be replaced regularly and if there is

any sign of damage to the glove material.

Skin and body protection Respiratory protection

Suitable protective clothing.

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 No information available.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical stateSolidAppearancePasteColourClear

Odour Characteristic.

 Property
 Values
 Remarks • Method

 Melting point / freezing point
 No data available
 None known

Melting point / freezing point
Initial boiling point and boiling
No data available
No data available

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range

Flammability No data available None known Flammability Limit in Air None known

Upper flammability or explosive No data available

limits

Lower flammability or explosive No data available

limits

Flash point No data available

Autoignition temperature No data available None known None known

Decomposition temperature

pH (as aqueous solution) No data available None known Kinematic viscosity $> 21 \text{ mm}^2/\text{s}$ None known

Dynamic viscosity No data available

Water solubility Insoluble in water. Product cures

with moisture

Solubility(ies) Insoluble in water

No data available **Partition coefficient** None known Vapour pressure No data available None known Relative density No data available None known

No data available **Bulk density** Density No data available

Relative vapour density No data available None known

Particle characteristics

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

9.2. Other information

Solid content (%) No information available

VOC content No data available

9.2.1. Information with regards to physical hazard classes

Not applicable

9.2.2. Other safety characteristics

No information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Product cures with moisture. Reactivity

10.2. Chemical stability

Stable under normal conditions. Stability

Explosion data

Sensitivity to mechanical None.

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 Product cures with moisture. Do not freeze.

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10.5. Incompatible materials

Incompatible materialsNone known based on information supplied.

10.6. Hazardous decomposition products

Hazardous decomposition

Small amounts of methanol (CAS 67-56-1) are formed by hydrolysis and released upon

products

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) 45,774.40 mg/kg
ATEmix (dermal) >2000 mg/kg
ATEmix (inhalation-gas) >20000 ppm
ATEmix (inhalation-dust/mist) >5 mg/l
ATEmix (inhalation-vapour) 841.918 mg/l

Component Information

| Chemical name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|----------------------------------|-------------------------|----------------------------|-------------------------------|
| Trimethoxyvinylsilane | LD50 = 7120 -7236 mg/kg | = 3540 mg/kg (Oryctolagus | LC50 (4hr) 16.8 mg/l (Rattus) |
| | (Rattus) OECD 401 | cuniculus) | OECD TG 403 |
| N-(3-(trimethoxysilyl)propyl)eth | =2295 mg/kg (Rattus) | >2000 mg/Kg (Rattus) | LC50 4H (Aerosol)1.5 - 2.44 |
| ylenediamine | | | mg/L air |
| Dioctyltin oxide | =2500 mg/kg (Rattus) | LD50 > 2000 mg/kg (Rattus) | - |
| | | OECD 402 | |

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

Skin corrosion/irritationBased on available data, the classification criteria are not met.

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

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| N-(3-(trimethoxysilyI)propyI)ethylenediamine (1760-24-3) | | | | | | | |
|--|---------|----------------|----------------|---------------|--------------------|--|--|
| Method | Species | Exposure route | Effective dose | Exposure time | Results | | |
| OECD Test No. 404: Acute Dermal Irritation/Corrosion | Rabbit | | | | Mild skin irritant | | |

Serious eye damage/eye irritation Based on available data, the classification criteria are not met.

Trimethoxyvinylsilane (2768-02-7)

| Method | Species | Exposure route | Effective dose | Exposure time | Results |
|----------------------|---------|----------------|----------------|---------------|--------------|
| OECD Test No. 405: | Rabbit | eye | | 24 hours | Non-irritant |
| Acute Eye | | | | | |
| Irritation/Corrosion | | | | | |

N-(3-(trimethoxysilyl)propyl)ethylenediamine (1760-24-3)

| Method | Species | Exposure route | Effective dose | Exposure time | Results |
|----------------------|---------|----------------|----------------|---------------|------------|
| OECD Test No. 405: | Rabbit | eye | | | Eye Damage |
| Acute Eye | | | | | |
| Irritation/Corrosion | | | | | |

Respiratory or skin sensitisation

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

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

Germ cell mutagenicity

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

Component Information

Trimethoxyvinylsilane (2768-02-7)

| Timilation (2) as all 1) | | | | |
|--------------------------------------|----------|---------------|--|--|
| Method | Species | Results | | |
| OECD Test No. 471: Bacterial Reverse | in vitro | Not mutagenic | | |
| Mutation Test | | | | |

N-(3-(trimethoxysilyl)propyl)ethylenediamine (1760-24-3)

| Method | Species | Results |
|---|--------------------------|----------|
| OECD Test No. 471: Bacterial Reverse | Mammalian cells in vitro | Negative |
| Mutation Test | | |
| OECD Test No. 476: In Vitro Mammalian Cell | Mammalian cells in vitro | Negative |
| Gene Mutation Tests using the Hprt and xprt | | |
| genes | | |

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

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

Trimethoxyvinylsilane (2768-02-7)

| Method | Species | Results |
|---|---------|------------------|
| OECD Test No. 422: Combined Repeated Dose | Rat | Not Classifiable |
| Toxicity Study with the | | |

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| Reproduction/Developmental Toxicity Screening Test | 3 | |
|--|--------------|------------------|
| N-(3-(trimethoxysilyl)propyl)ethylenediamine (1: | , | Results |
| | | |
| | | |
| OECD Test No. 422: Combined Repeated Dose | e Rat | NOAEL >500 mg/Kg |
| Toxicity Study with the | eRat Oral | NOAEL >500 mg/Kg |
| • | Oral | NOAEL >500 mg/Kg |

STOT - single exposure

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

Dioctvltin oxide (870-08-6)

| Method | Species | Exposure route | Effective dose | Exposure time | Results |
|-------------------------|---------|----------------|----------------|---------------|-------------------|
| OECD Test No. 422: | Rat | Oral | 5 mg/kg | 28 days | 0.3 - 0.5 mg/kg |
| Combined Repeated Dose | | | | | bw/d May cause |
| Toxicity Study with the | | | | | damage to the |
| Reproduction/Developme | | | | | following organs: |
| ntal Toxicity Screening | | | | | Immune system |
| Test | | | | | |

STOT - repeated exposure

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

Trimethoxyvinylsilane (2768-02-7)

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

N-(3-(trimethoxysilyl)propyl)ethylenediamine (1760-24-3)

| Method | Species | Exposure route | Effective dose | Exposure time | Results |
|-------------------------|---------|-----------------|----------------|---------------|------------------|
| OECD Test No. 422: | Rat | Sub-acute oral | | 28 days | NOAEL >500 mg/kg |
| Combined Repeated Dose | | toxicity gavage | | | |
| Toxicity Study with the | | | | | |
| Reproduction/Developme | | | | | |
| ntal Toxicity Screening | | | | | |
| Test | | | | | |

Dioctyltin oxide (870-08-6)

| = | •/ | | | | |
|--------|------------|----------------|----------------|---------------|---------------------|
| Method | Species | Exposure route | Effective dose | Exposure time | Results |
| | Rat Rabbit | | | 28 days | 0.3 -0.5 mg/kg bw/d |

Aspiration hazard

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

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

Endocrine disrupting properties No information available.

11.2.2. Other information

Other adverse effects No information available.

SECTION 12: Ecological information

12.1. Toxicity

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Ecotoxicity

| Chemical name | Algae/aquatic plants | Fish | Toxicity to microorganisms | Crustacea | M-Factor | M-Factor (long-term) |
|---|---|--|----------------------------|--|----------|-------------------------|
| Trimethoxyvinylsilane 2768-02-7 | EC 50 (72h) > 957 mg/l (Desmodesmus subspicatus) EU Method C.3 | LC50 (96h) = 191 mg/l (Oncorhynchus mykiss) | - | EC50(48hr) 168.7mg/l (Daphnia magna) | | (ang ann) |
| N-(3-(trimethoxysilyl)pr opyl)ethylenediamine 1760-24-3 | | LC50 (96H) =597 mg/L (Danio rerio)Semi-static | - | EC50 (48h) =81mg/L Daphnia magna Static | | |
| Dioctyltin oxide 870-08-6 | EC50 (3hr) >1.000 mg/l (bacteria) (Activated Sludge, Respiration Inhibition Test) | LC50 (96hr) >0,09 mg/l (Brachydanio rerio (zebra)) (Acute Toxicity Test) | - | EC50 (48Hr) >0,21 mg/l (Daphnia magna (Dappnia magna)) (Daphnia sp. Acute Immobilisation Test) | | |

12.2. Persistence and degradability

Persistence and degradability

No information available.

Trimethoxyvinylsilane (2768-02-7)

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

Dioctyltin oxide (870-08-6)

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

12.3. Bioaccumulative potential

Bioaccumulation

Component Information

| Chemical name | Partition coefficient | |
|--|-----------------------|--|
| Trimethoxyvinylsilane | 1.1 | |
| N-(3-(trimethoxysilyl)propyl)ethylenediamine | -0.3 | |
| Dioctyltin oxide | 6 | |

12.4. Mobility in soil

Mobility in soil No information available.

12.5. Results of PBT and vPvB assessment

PBT and vPvB assessmentThe product does not contain any substance(s) classified as PBT or vPvB above the threshold of declaration.

| Chemical name | PBT and vPvB assessment | |
|--|---------------------------------|--|
| Trimethoxyvinylsilane | The substance is not PBT / vPvB | |
| N-(3-(trimethoxysilyl)propyl)ethylenediamine | The substance is not PBT / vPvB | |

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Dioctyltin oxide 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 in accordance with local regulations. Dispose of waste in accordance with

environmental legislation.

Contaminated packaging Do not reuse empty containers.

European Waste Catalogue 08 04 10 waste adhesives and sealants other than those mentioned in 08 04 09

Other information Waste codes should be assigned by the user based on the application for which the

product was used.

SECTION 14: Transport information

Note: Keep from freezing.

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)
 14.4 Packing group
 14.5 Environmental hazards
 Not regulated Not regulated Not applicable

14.6 Special precautions for user

Special Provisions None

IMDG

14.1 UN number or ID number
14.2 UN proper shipping name
14.3 Transport hazard class(es)
14.4 Packing group
Not regulated
Not regulated
Not regulated
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
 14.2 UN proper shipping name
 14.3 Transport hazard class(es)
 14.4 Packing group
 14.5 Environmental hazards
 Not regulated
 Not regulated
 Not regulated
 Not regulated
 Not regulated
 Not applicable

14.6 Special precautions for user

Special Provisions None

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Section 15: REGULATORY INFORMATION

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

European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Check whether measures in accordance with Directive 94/33/EC for the protection of young people at work must be taken.

Take note of Directive 92/85/EC on the protection of pregnant and breastfeeding women at work

Registration, Evaluation, Authorisation, and Restriction of Chemicals (REACh) Regulation (EC 1907/2006)

SVHC: Substances of Very High Concern for Authorisation:

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

EU-REACH (1907/2006) - Annex XVII - Substances subject to Restriction

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

| Chemical name | CAS No. | Restricted substance per REACH Annex XVII |
|------------------|----------|---|
| Dioctyltin oxide | 870-08-6 | Use restricted. See entry 20. |

20 (6) DOT.

Substance subject to authorisation per REACH Annex XIV

This product does not contain substances subject to authorisation (Regulation (EC) No. 1907/2006 (REACH), Annex XIV)

Export Notification requirements

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

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

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SECTION 16: Other information

Key or legend to abbreviations and acronyms used in the safety data sheet

Full text of H-Statements referred to under section 3

H226 - Flammable liquid and vapour

H317 - May cause an allergic skin reaction

H318 - Causes serious eye damage

H332 - Harmful if inhaled

H335 - May cause respiratory irritation

Legend

TWA TWA (time-weighted average)
STEL STEL (Short Term Exposure Limit)

Ceiling Ceiling Limit Value Sk* Skin designation

SVHC Substance(s) of Very High Concern

PBT Persistent, Bioaccumulative, and Toxic (PBT) Chemicals vPvB Very Persistent and very Bioaccumulative (vPvB) Chemicals

STOT RE Specific target organ toxicity - Repeated exposure STOT SE Specific target organ toxicity - Single exposure

EWC European Waste Catalogue

ADR European Agreement concerning the International Carriage of Dangerous Goods by

Road

IMDG International Maritime Dangerous Goods (IMDG)
IATA International Air Transport Association (IATA)

RID Regulations concerning the International Transport of Dangerous Goods by Rail

Key literature references and sources for data

No information available

Prepared By Product Safety & Regulatory Affairs

Revision date 09-Jul-2024

Indication of changes

Revision noteSDS sections updated, 2, 3, 8, 9. **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

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