



SAFETY DATA SHEET  
**SRP STPE SEALANT**

**Safety Data Sheet**

acc. to 29 CFR 1910.1200 App D

**SRP STPE SEALANT****SRP AIROUTSHIELD INC.**

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**Section 1: Identification****1.1 Product identifier**

Trade name SRP STPE SEALANT

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

Relevant identified uses General use

**1.3 Manufacturer or supplier details**SRP AirOutshield Inc.  
PH8- 10 Old York Mills Rd.  
Toronto, ON  
M2P 2G9  
CanadaEmail: info@srpairout.com  
Phone: 1 (866) 533-0233  
Website: www.srpairoutshield.com**1.4 Emergency telephone number**

Emergency information service

This number is only available during the following office hours:  
Mon-Fri  
CANUTEC: 1-888-226-8832 (1-888-CAN-UTEC)**Section 2: Hazard(s) Identification****2.1 Classification of the substance or mixture**

Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

| Section | Hazard Class                      | Category | Hazard class and category | Hazard statement |
|---------|-----------------------------------|----------|---------------------------|------------------|
| A.2     | skin corrosion/irritation         | 2        | Skin Irrit. 2             | H315             |
| A.3     | serious eye damage/eye irritation | 2        | Eye Irrit. 2              | H319             |
| A.4S    | skin sensitization                | 1        | Skin Sens. 1              | H317             |
| A.7     | reproductive toxicity             | 1B       | Repr. 1B                  | H360FD           |

\*For full text of abbreviations: see SECTION 16.

**2.2 Label elements**

Labelling acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

Signal word danger

Pictograms  
GHS07, GHS08

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## Hazard statements

**H315** Causes skin irritation.**H317** May cause an allergic skin reaction.**H319** Causes serious eye irritation.**H360FD** May damage fertility. May damage the unborn child.

## Precautionary statements

**P201** Obtain special instructions before use.**P261** Avoid breathing dust/fume/gas/mist/vapors/spray.**P272** Contaminated work clothing must not be allowed out of the workplace.**P280** Wear protective gloves.**P302+P352** If on skin: Wash with plenty of water.**P305+P351+P338** If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.**P308+P313** If exposed or concerned: Get medical advice/attention.**P321** Specific treatment (see on this label).**P333+P313** If skin irritation or rash occurs: Get medical advice/attention.**P337+P313** If eye irritation persists: Get medical advice/attention.**P362** Take off contaminated clothing and wash before reuse.**P363** Wash contaminated clothing before reuse.**P405** Store locked up.**P501** Dispose of contents/container to industrial combustion plant.

## Hazardous ingredients for labelling

4,5-dichloro-2-octyl-2H-isothiazol-3-one, dibutyltin oxide, trimethoxyvinylsilane

**2.3 Other hazards**

Special danger of slipping by leaking/spilling product.

Hazards not otherwise classified

Toxic to aquatic life with long lasting effects (GHS category 2: aquatic toxicity - acute and/or chronic).

Results of PBT and vPvB assessment

Does not contain a PBT-/vPvB-substance at a concentration of  $\geq 0.1\%$ .

Endocrine disrupting properties

Does not contain an endocrine disruptor (ED) in a concentration of  $\geq 0.1\%$ .

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**Section 3: Composition / Information on ingredients****3.1 Substances**

Not relevant (mixture)

**3.2 Mixtures**

Description of the mixture

| Identifier                | Name of the substance                                         | Weight %  | Classification acc. to GHS                                                                                                  | Pictograms                                                                                                                                                                                                                                                        |
|---------------------------|---------------------------------------------------------------|-----------|-----------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CAS number<br>1317-65-3   | Calcium carbonate                                             | 25 – < 50 |                                                                                                                             |                                                                                                                                                                                                                                                                   |
| CAS number<br>25322-69-4  | Poly(oxy(methyl-1,2-ethanediyl)),<br>α-hydro-.omega.-hydroxy  | 25 – < 50 |                                                                                                                             |                                                                                                                                                                                                                                                                   |
| CAS number<br>216597-12-5 | Silane terminated polyether<br>polymer                        | 10 – < 25 |                                                                                                                             |                                                                                                                                                                                                                                                                   |
| CAS number<br>471-34-1    | Carbonic acid, calcium salt                                   | 10 – < 25 | Acute Tox. 4 / H332                                                                                                         |                                                                                                                                                                                |
| CAS number<br>2768-02-7   | trimethoxyvinylsilane                                         | 5 – < 10  | Skin Sens. 1B / H317                                                                                                        |                                                                                                                                                                                |
| CAS number<br>919-30-2    | 3-aminopropyltriethoxysilane                                  | 1 – < 5   | Acute Tox. 4 / H302<br>Skin Corr. 1B / H314                                                                                 |                                                                                           |
| CAS number<br>82919-37-7  | 1-methyl 1,2,2,6,6-pentamethylpiperidin<br>-4-yl decanedioate | < 1       |                                                                                                                             |                                                                                                                                                                                                                                                                   |
| CAS number<br>41556-26-7  | bis(1,2,2,6,6-pentamethylpiperidin-4-yl)<br>decanedioate      | < 1       |                                                                                                                             |                                                                                                                                                                                                                                                                   |
| CAS number<br>818-08-6    | dibutyltin oxide                                              | < 1       | Acute Tox. 4 / H302<br>Skin Irrit. 2 / H315<br>Eye Dam. 1 / H318<br>Muta. 2 / H341<br>Repr. 1B / H360FD<br>STOT RE 1 / H372 |    |
| CAS number<br>64359-81-5  | 4,5-dichloro-2-octyl-2H-isothiazol-3-one                      | < 1       | Acute Tox. 4 / H302<br>Acute Tox. 2 / H330<br>Skin Corr. 1 / H314<br>Eye Dam. 1 / H318<br>Skin Sens. 1A / H317              |    |

**Remarks**

For full text of abbreviations: see SECTION 16

## Section 4: First-aid measures

### 4.1 Description of first-aid measures

#### General notes

Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth.

#### Following inhalation

If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. In case of respiratory tract irritation, consult a physician. Provide fresh air.

#### Following skin contact

Wash with plenty of soap and water.

#### Following eye contact

Remove contact lenses, if present and easy to do. Continue rinsing. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart.

#### Following ingestion

Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.

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

Symptoms and effects are not known to date.

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

none

## Section 5: Fire-fighting measures

### 5.1 Extinguishing media

Suitable extinguishing media

Water spray, BC-powder, Carbon dioxide (CO<sub>2</sub>)

Unsuitable extinguishing media

Water jet

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

Hazardous combustion products

Nitrogen oxides (NO<sub>x</sub>), Carbon monoxide (CO), Carbon dioxide (CO<sub>2</sub>)

### 5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Coordinate firefighting measures to the fire surroundings.

Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.

## **Section 6: Accidental release measures**

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

For non-emergency personnel

Remove persons to safety.

For emergency responders

Wear breathing apparatus if exposed to vapors/dust/aerosols/gases.

### **6.2 Environmental precautions**

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it. If substance has entered a water course or sewer, inform the responsible authority.

### **6.3 Methods and material for containment and cleaning up**

Advice on how to contain a spill

Covering of drains

Advice on how to clean up a spill

Wipe up with absorbent material (e.g. cloth, fleece). Collect spillage: sawdust, kieselgur (diatomite), sand, universal binder

Appropriate containment techniques

Use of adsorbent materials.

Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area.

### **6.4 Reference to other sections**

Hazardous combustion products: see section 5. Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

## **Section 7: Handling and storage**

### **7.1 Precautions for safe handling**

Recommendations

Measures to prevent fire as well as aerosol and dust generation

Use local and general ventilation. Use only in well-ventilated areas.

Advice on general occupational hygiene

Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingstuffs.

### **7.2 Conditions for safe storage, including any incompatibilities**

Packaging compatibilities

Only packagings which are approved (e.g. acc. to the Dangerous Goods Regulations) may be used.

### **7.3 Specific end use(s)**

See section 16 for a general overview.

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**SRP STPE SEALANT****SRP AIROUTSHIELD INC.****7****Section 8: Exposure controls / personal protection****8-1 Control Parameters:**

Occupational exposure limit values (Workplace Exposure Limits)

| Country | Name of agent          | CAS No    | Identifier | TWA [ppm] | TWA [mg/m³] | STEL [ppm] | STEL [mg/m³] | Ceiling-C [ppm] | Ceiling-C [mg/m³] | Notation            | Source           |
|---------|------------------------|-----------|------------|-----------|-------------|------------|--------------|-----------------|-------------------|---------------------|------------------|
| US      | tin, organic compounds |           | REL        |           | 0.1 (10 h)  |            |              |                 |                   | ex-C18H34OSn, Sn, H | NIOSH REL        |
| US      | tin, organic compounds |           | PEL        |           | 0.1         |            |              |                 |                   | Sn                  | 29 CFR 1910.1000 |
| US      | tin, organic compounds |           | PEL (CA)   |           | 0.1         |            | 0.2          |                 |                   | Sn, H               | Cal/OSHA PEL     |
| US      | tin, organic compounds |           | TLV®       |           | 0.1         |            | 0.2          |                 |                   | Sn, H               | ACGIH® 2025      |
| US      | calcium carbonate      | 1317-65-3 | PEL        |           | 15          |            |              |                 |                   | dust2               | 9 CFR 1910.1000  |
| US      | calcium carbonate      | 1317-65-3 | REL        |           | 10 (10 h)   |            |              |                 |                   | natural             | NIOSH REL        |
| US      | calcium carbonate      | 1317-65-3 | PEL        |           | 5           |            |              |                 |                   | r                   | 29 CFR 1910.1000 |
| US      | calcium carbonate      | 1317-65-3 | REL        |           | 5 (10 h)    |            |              |                 |                   | r, natural          | NIOSH REL        |
| US      | limestone              | 1317-65-3 | REL        |           | 10 (10 h)   |            |              |                 |                   |                     | NIOSH REL        |
| US      | limestone              | 1317-65-3 | REL        |           | 5 (10 h)    |            |              |                 |                   | r                   | NIOSH REL        |
| US      | calcium carbonate      | 471-34-1  | REL        |           | 5 (10 h)    |            |              |                 |                   | r, synthetic        | NIOSH REL        |
| US      | calcium carbonate      | 471-34-1  | REL        |           | 10 (10 h)   |            |              |                 |                   | synthetic           | NIOSH REL        |

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**SRP STPE SEALANT****SRP AIROUTSHIELD INC.****8****Notation**

|           |                                                                                                                                                        |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ceiling-C | ceiling value is a limit value above which exposure should not occur                                                                                   |
| dust      | as dust                                                                                                                                                |
| ex        | except cyhexatin                                                                                                                                       |
| C18H34OSn |                                                                                                                                                        |
| H         | absorbed through the skin                                                                                                                              |
| natural   | natural                                                                                                                                                |
| r         | respirable fraction                                                                                                                                    |
| Sn        | calculated as Sn (tin)                                                                                                                                 |
| STEL      | short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-minute period (unless otherwise specified) |
| synthetic | synthetic                                                                                                                                              |
| TWA       | time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours                                  |
|           | time-weighted average (unless otherwise specified)                                                                                                     |

**Relevant DNELs of components**

| Name of substance           | CAS No   | Endpoint | Threshold level        | Protection goal, route of exposure | Used in           | Exposure time           |
|-----------------------------|----------|----------|------------------------|------------------------------------|-------------------|-------------------------|
| Carbonic acid, calcium salt | 471-34-1 | DNEL     | 6.36 mg/m <sup>3</sup> | human, inhalatory                  | worker (industry) | chronic - local effects |
| 3-aminopropyltrieth-        | 919-30-2 | DNEL     | 14 mg/m <sup>3</sup>   | human, inhalatory                  | worker (industry) | chronic - systemic      |

**Relevant DNELs of components**

| Name of substance             | CAS No   | Endpoint | Threshold level         | Protection goal, route of exposure | Used in           | Exposure time              |
|-------------------------------|----------|----------|-------------------------|------------------------------------|-------------------|----------------------------|
| oxysilane                     |          |          |                         |                                    |                   | effects                    |
| 3-aminopropyltrieth-oxysilane | 919-30-2 | DNEL     | 2mg/kg bw/day           | human, dermal                      | worker (industry) | chronic - systemic effects |
| dibutyltin oxide              | 818-08-6 | DNEL     | 49.33 µg/m <sup>3</sup> | human, inhalatory                  | worker (industry) | chronic - systemic effects |
| dibutyltin oxide              | 818-08-6 | DNEL     | 49.33 µg/m <sup>3</sup> | human, inhalatory                  | worker (industry) | acute - systemic effects   |
| dibutyltin oxide              | 818-08-6 | DNEL     | 28 µg/kg                | human, dermal                      | worker (industry) | chronic - systemic effects |



## Relevant PNECs of components

| Name of substance            | CAS No   | Endpoint | Threshold level | Organism              | Environmental compartment    | Exposure time                |
|------------------------------|----------|----------|-----------------|-----------------------|------------------------------|------------------------------|
| Carbonic acid, calcium salt  | 471-34-1 | PNEC     | 100 mg/l        | aquatic organisms     | sewage treatment plant (STP) | short-term (single instance) |
| 3-aminopropyltriethoxysilane | 919-30-2 | PNEC     | 1.3 mg/l        | aquatic organisms     | sewage treatment plant (STP) | short-term (single instance) |
| 3-aminopropyltriethoxysilane | 919-30-2 | PNEC     | 0.5 mg/l        | aquatic organisms     | freshwaters                  | hort-term (single instance)  |
| 3-aminopropyltriethoxysilane | 919-30-2 | PNEC     | 0.05 mg/l       | aquatic organisms     | marine water                 | short-term (single instance) |
| 3-aminopropyltriethoxysilane | 919-30-2 | PNEC     | 1.8 mg/kg       | aquatic organisms     | freshwater sediment          | short-term (single instance) |
| 3-aminopropyltriethoxysilane | 919-30-2 | PNEC     | 0.18 mg/kg      | aquatic organisms     | marine sediment              | short-term (single instance) |
| 3-aminopropyltriethoxysilane | 919-30-2 | PNEC     | 0.069 mg/kg     | terrestrial organisms | soil                         | short-term (single instance) |
| dibutyltin oxide             | 818-08-6 | PNEC     | 2 µg/l          | aquatic organisms     | freshwater                   | short-term (single instance) |
| dibutyltin oxide             | 818-08-6 | PNEC     | 0.2 µg/l        | aquatic organism      | marine waters                | hort-term (single instance)  |
| dibutyltin oxide             | 818-08-6 | PNEC     | 4.4 mg/l        | aquatic organisms     | sewage treatment plant (STP) | short-term (single instance) |
| dibutyltin oxide             | 818-08-6 | PNEC     | 5.247 mg/kg     | aquatic organisms     | freshwater sediment          | short-term (single instance) |
| dibutyltin oxide             | 818-08-6 | PNEC     | 0.525 mg/kg     | aquatic organisms     | marine sediment              | short-term (single instance) |
| dibutyltin oxide             | 818-08-6 | PNEC     | 3.4 mg/kg       | terrestrial organisms | soil                         | short-term (single instance) |

## 8.2 Exposure controls

Appropriate engineering controls

General ventilation.

Individual protection measures (personal protective equipment)

Eye/face protection

Wear eye/face protection.

Skin protection

Hand protection

Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Check leaktightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

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Other protection measures

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended.

Wash hands thoroughly after handling.

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

Environmental exposure controls

Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

**Section 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties****Appearance**

|                       |                       |
|-----------------------|-----------------------|
| <b>Physical state</b> | Liquid (paste)        |
| <b>Color</b>          | Various               |
| <b>Particle</b>       | Not relevant (liquid) |
| <b>Odor</b>           | Characteristic        |

**Other safety parameters**

|                                      |                                       |
|--------------------------------------|---------------------------------------|
| <b>pH (value)</b>                    | Not determined                        |
| <b>Melting / freezing point</b>      | Not determined                        |
| <b>Initial boiling point / range</b> | 213 °C at 1,013 hPa                   |
| <b>Flash point</b>                   | Not determined                        |
| <b>Evaporation rate</b>              | Not determined                        |
| <b>Flammability (solid, gas)</b>     | not relevant, (fluid)                 |
| <b>Vapor pressure</b>                | 20 Pa at 25 °C                        |
| <b>Vapor density</b>                 | this information is not available     |
| <b>Density</b>                       | 1.4 – 1.44 g/cm <sup>3</sup> at 25 °C |
| <b>Solubilities</b>                  | not determined                        |

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**Partition coefficient**

|                             |                                   |
|-----------------------------|-----------------------------------|
| - n-octanol/water (log KOW) | this information is not available |
| Auto-ignition temperature   | 270 °C                            |
| Viscosity                   | not determined                    |
| Explosive properties        | none                              |
| Oxidizing properties        | none                              |

**9.2 Other information:**

|                                             |                                                                       |
|---------------------------------------------|-----------------------------------------------------------------------|
| Temperature class<br>(USA, acc. to NEC 500) | T2B (maximum permissible surface temperature on the equipment: 260°C) |
|---------------------------------------------|-----------------------------------------------------------------------|

**Section 10: Stability and reactivity****10.1 Reactivity:**

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials".

**10.2 Chemical stability:**

See below "Conditions to avoid"

**10.3 Possibility of hazardous reactions:**

No known hazardous reactions.

**10.4 Conditions to avoid:**

There are no specific conditions known which have to be avoided.

**10.5 Incompatible materials:**

Oxidizers

**10.6 Hazardous decomposition products:**

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.

**Section 11: Toxicological Information****11.1 Information on toxicological effects:**

Test data are not available for the complete mixture.

Classification procedure

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

**Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)**

Acute toxicity

Shall not be classified as acutely toxic.

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## Acute toxicity estimate (ATE) of components

| Name of substance                        | CAS No     | Exposure route        | ATE          |
|------------------------------------------|------------|-----------------------|--------------|
| Carbonic acid, calcium salt              | 471-34-1   | oral                  | >2,000 mg/kg |
| Carbonic acid, calcium salt              | 471-34-1   | dermal                | >2,000 mg/kg |
| Carbonic acid, calcium salt              | 471-34-1   | Inhalation: dust/mist | >3 mg/l/4h   |
| 3-aminopropyltriethoxysilane             | 919-30-2   | oral                  | 500 mg/kg    |
| dibutyltin oxide                         | 818-08-6   | oral                  | 500 mg/kg    |
| dibutyltin oxide                         | 818-08-6   | dermal                | >2,000 mg/kg |
| 4,5-dichloro-2-octyl-2H-isothiazol-3-one | 64359-81-5 | oral                  | 500 mg/kg    |
| 4,5-dichloro-2-octyl-2H-isothiazol-3-one | 64359-81-5 | inhalation: vapor     | 0.5 mg/l/4h  |

## Skin corrosion/irritation

Causes skin irritation.

## Serious eye damage/eye irritation

Causes serious eye irritation.

## Respiratory or skin sensitization

May cause an allergic skin reaction.

## Germ cell mutagenicity

Shall not be classified as germ cell mutagenic.

## Carcinogenicity

Shall not be classified as carcinogenic.

## Reproductive toxicity

May damage the unborn child. May damage fertility.

## Specific target organ toxicity - single exposure

Shall not be classified as a specific target organ toxicant (single exposure).

## Specific target organ toxicity - repeated exposure

Shall not be classified as a specific target organ toxicant (repeated exposure).

## Aspiration hazard

Shall not be classified as presenting an aspiration hazard.

## Section 12: Ecological Information

## 12.1 Toxicity

Toxic to aquatic life with long lasting effects. Persistence and degradability

## Aquatic toxicity (acute) of components

| Name of substance              | CAS No   | Endpoint | Value     | Species                                | Exposure time |
|--------------------------------|----------|----------|-----------|----------------------------------------|---------------|
| Carbonic acid, calcium salt    | 471-34-1 | EC50     | >14 mg/l  | green algae (Desmod-esmus subspicatus) | 72 h          |
| 3-aminopropyltrieth-oxy silane | 919-30-2 | LC50     | >934 mg/l | zebra fish (Danio rerio)               | 96 h          |
| 3-aminopropyltrieth-oxy silane | 919-30-2 | EC50     | 331 mg/l  | daphnia magna                          | 48 h          |
| dibutyltin oxide               | 818-08-6 | EC50     | 2.7 mg/l  | daphnia magna                          | 24 h          |

## Aquatic toxicity (chronic) of components

| Name of substance              | CAS No   | Endpoint | Value       | Species             | Exposure time |
|--------------------------------|----------|----------|-------------|---------------------|---------------|
| Carbonic acid, calcium salt    | 471-34-1 | EC50     | >1,000 mg/l | microorganisms      | 3h            |
| 3-aminopropyltrieth-oxy silane | 919-30-2 | EC50     | 43 mg/l     | soil microorganisms | 5.75 h        |
| dibutyltin oxide               | 818-08-6 | EC50     | >1,000 mg/l | microorganisms3     | 3h            |

## 12.2 Persistence and degradability

Data are not available.

## 12.3 Bioaccumulative potential

Data are not available.

## 12.4 Mobility in soil

Data are not available.

## 12.5 Results of PBT and vPvB assessment

Does not contain a PBT-/vPvB-substance at a concentration of  $\geq 0.1\%$ .

## 12.6 Endocrine disrupting properties

Does not contain an endocrine disruptor (ED) in a concentration of  $\geq 0.1\%$ .

## 12.7 Other adverse effects

Data are not available.

## Section 13: Disposal Considerations

### 13.1 Waste treatment methods

Sewage disposal-relevant information

Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets.

Waste treatment of containers/packages

Only packagings which are approved (e.g. acc. to DOT) may be used. Completely emptied packages can be recycled.

Handle contaminated packages in the same way as the substance itself.

#### Remarks

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

## Section 14: Transport Information

14.1 UN number not assigned

14.2 UN proper shipping name not assigned

14.3 Transport hazard class(es) none

14.4 Packing group not assigned

14.5 Environmental hazards not assigned

14.6 Special precautions for user

There is no additional information.

14.7 Transport in bulk according to IMO instruments

The cargo is not intended to be carried in bulk.

#### Information for each of the UN Model Regulations

**Transport of dangerous goods by road or rail (49 CFR US DOT) - Additional information**

not assigned

**International Maritime Dangerous Goods Code (IMDG) - Additional information**

not assigned

**International Civil Aviation Organization (ICAO-IATA/DGR) - Additional information**

not assigned

## Section 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

**National regulations (United States)**

**Toxic Substance Control Act (TSCA)**

all ingredients are listed (ACTIVE) or exempt from listing

**Superfund Amendment and Reauthorization Act (SARA TITLE III)**

The List of Extremely Hazardous Substances and Their Threshold Planning Quantities (EPCRA Section 302, 304)

none of the ingredients are listed

Specific Toxic Chemical Listings (EPCRA Section 313)

none of the ingredients are listed

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**Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)**

List of Hazardous Substances and Reportable Quantities (CERCLA section 102a) (40 CFR 302.4)

none of the ingredients are listed

**Clean Air Act**

none of the ingredients are listed

**Right to Know Hazardous Substance List**

Cleaning Product Right to Know Act Substance List (CA-RTK)

| Name of substance                                     | CAS No     | Functionality | Authoritative Lists          |
|-------------------------------------------------------|------------|---------------|------------------------------|
| bis(1,2,2,6,6-pentamethylpiperidin-4-yl) decanedioate | 41556-26-7 |               | Canada PBiTs                 |
| dibutyltin oxide                                      | 7440-31-5  |               | OSPAR Priority Action Part A |

**Toxic or Hazardous Substance List (MA-TURA)**

none of the ingredients are listed

**Hazardous Substances List (MN-ERTK)**

| Name of substance                                                   | CAS No     | References | Remarks |
|---------------------------------------------------------------------|------------|------------|---------|
| Calcium Carbonate                                                   | 1317-65-3  | A          |         |
| Poly(oxy(methyl-1,2-ethanediyl)), $\alpha$ -hydro-.omega.-hydr oxy- | 25322-69-4 | I          |         |

**Legend****A**

American Conference of Governmental Industrial Hygienists (ACGIH), "Threshold Limit Values for Chemical Substances and Physical Agents and Biological Exposure Indices for 1992-93", available from ACGIH

**I**

American Industrial Hygiene Association (AIHA), "Workplace Environmental Exposure Level Guides" (1992), available from AIHA

**Hazardous Substance List (NJ-RTK)**

| Name of substance | CAS No    | Remarks | Classifications |
|-------------------|-----------|---------|-----------------|
| Calcium Carbonate | 1317-65-3 |         |                 |

**Hazardous Substance List (Chapter 323) (PA-RTK)**

| Name of substance | CAS No    | Remarks | Classifications |
|-------------------|-----------|---------|-----------------|
| LIMESTONE         | 1317-65-3 |         |                 |

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**Hazardous Substance List (RI-RTK)**

| Name of substance | CAS No    | References |
|-------------------|-----------|------------|
| Calcium Carbonate | 1317-65-3 | T          |
| Calcium Carbonate | 1317-65-3 | T          |
| Calcium Carbonate | 1317-65-3 | T          |
| dibutyltin oxide  | 7440-31-5 | T          |

**Legend**

T

Toxicity (ACGIH®)

**California Environmental Protection Agency (Cal/EPA): Proposition 65 - Safe Drinking Water and Toxic Enforcement Act of 1987**

none of the ingredients are listed

**Industry or sector specific available guidance(s)****NPCA-HMIS® III**

Hazardous Materials Identification System. American Coatings Association.

| Category            | Rating | Description                                                                                                                                                |
|---------------------|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Chronic             | *      | chronic (long-term) health effects may result from repeated overexposure                                                                                   |
| Health              | 2      | temporary or minor injury may occur                                                                                                                        |
| Flammability        | 1      | material that must be preheated before ignition can occur                                                                                                  |
| Physical hazard     | 0      | material that is normally stable, even under fire conditions, and will not react with water, polymerize, decompose, condense, or self-react. Non-explosive |
| Personal protection | -      |                                                                                                                                                            |

**NFPA® 704**

National Fire Protection Association: Standard System for the Identification of the Hazards of Materials for Emergency Response (United States).

| Category       | Degree of hazard | Description                                                                                      |
|----------------|------------------|--------------------------------------------------------------------------------------------------|
| Flammability   | 1                | material that must be preheated before ignition can occur                                        |
| Health         | 2                | material that, under emergency conditions, can cause temporary incapacitation or residual injury |
| Instability    | 0                | material that is normally stable, even under fire conditions                                     |
| Special hazard |                  |                                                                                                  |



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**National Inventories**

| Country | Inventory  | Status                             |
|---------|------------|------------------------------------|
| EU      | ECSI       | not all ingredients are listed     |
| EU      | REACH Reg. | not all ingredients are listed     |
| US      | TSCAa      | ll ingredients are listed (ACTIVE) |

**Legend**

ECSI EC Substance Inventory (EINECS, ELINCS, NLP)

REACH Reg. REACH registered substances

TSCA Toxic Substance Control Act

**15.2 Chemical Safety Assessment**

Chemical safety assessments for substances in this mixture were not carried out.

**SECTION 16: Other information, including date of preparation or last revision**
**Abbreviations and acronyms**

| Abbr.            | Descriptions of used abbreviations                                                                                                                                                                                                                                                                                                                               |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 29 CFR 1910.1000 | 29 CFR 1910.1000, Tables Z-1, Z-2, Z-3 - Occupational Safety and Health Standards: Toxic and Hazardous Substances (permissible exposure limits)                                                                                                                                                                                                                  |
| 49 CFR US DOT    | 49 CFR U.S. Department of Transportation                                                                                                                                                                                                                                                                                                                         |
| ACGIH            | American Conference of Governmental Industrial Hygienists                                                                                                                                                                                                                                                                                                        |
| ACGIH® 2025      | From ACGIH®, 2025 TLVs® and BEIs® Book. Copyright 2025. Reprinted with permission. Information on the proper use of the TLVs® and BEIs®: <a href="http://www.acgih.org/tlv-bei-guidelines/policies-procedures-presentations/tlv-bei-position-statement">http://www.acgih.org/tlv-bei-guidelines/policies-procedures-presentations/tlv-bei-position-statement</a> |
| Acute Tox.       | Acute toxicity                                                                                                                                                                                                                                                                                                                                                   |
| ATE              | Acute Toxicity Estimate                                                                                                                                                                                                                                                                                                                                          |
| Cal/OSHA PEL     | California Division of Occupational Safety and Health (Cal/OSHA): Permissible Exposure Limits (PELs)                                                                                                                                                                                                                                                             |
| CAS              | Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)                                                                                                                                                                                                                                                           |
| Ceiling-C        | Ceiling value                                                                                                                                                                                                                                                                                                                                                    |
| DGR              | Dangerous Goods Regulations (see IATA/DGR)                                                                                                                                                                                                                                                                                                                       |
| DNEL             | Derived No-Effect Level                                                                                                                                                                                                                                                                                                                                          |
| DOT              | Department of Transportation (USA)                                                                                                                                                                                                                                                                                                                               |
| EC50             | Effective Concentration 50 %. The EC50 corresponds to the concentration of a tested substance causing 50 % changes in response (e.g. on growth) during a specified time interval                                                                                                                                                                                 |
| ED               | Endocrine disruptor                                                                                                                                                                                                                                                                                                                                              |
| EINECS           | European Inventory of Existing Commercial Chemical Substances                                                                                                                                                                                                                                                                                                    |
| ELINCS           | European List of Notified Chemical Substances                                                                                                                                                                                                                                                                                                                    |
| Eye Dam.         | Seriously damaging to the eye                                                                                                                                                                                                                                                                                                                                    |
| Eye Irrit.       | Irritant to the eye                                                                                                                                                                                                                                                                                                                                              |
| GHS              | "Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations                                                                                                                                                                                                                                                        |
| IATA             | International Air Transport Association                                                                                                                                                                                                                                                                                                                          |
| IATA/DGR         | Dangerous Goods Regulations (DGR) for the air transport (IATA)                                                                                                                                                                                                                                                                                                   |
| ICAO             | International Civil Aviation Organization                                                                                                                                                                                                                                                                                                                        |
| IMDG             | International Maritime Dangerous Goods Code                                                                                                                                                                                                                                                                                                                      |
| LC50             | Lethal Concentration 50%: the LC50 corresponds to the concentration of a tested substance causing 50 % lethality during a specified time interval                                                                                                                                                                                                                |
| Muta             | Germ cell mutagenicity                                                                                                                                                                                                                                                                                                                                           |
| NIOSH REL        | National Institute for Occupational Safety and Health (NIOSH): Recommended Exposure Limits (RELs)                                                                                                                                                                                                                                                                |
| NLP              | No-Longer Polymer                                                                                                                                                                                                                                                                                                                                                |
| NPCA-HMIS® III   | National Paint and Coatings Association: Hazardous Materials Identification System - HMIS® III, Third Edition                                                                                                                                                                                                                                                    |
| OSHA             | Occupational Safety and Health Administration (United States)                                                                                                                                                                                                                                                                                                    |
| PBT              | Persistent, Bioaccumulative and Toxic                                                                                                                                                                                                                                                                                                                            |
| PEL              | Permissible exposure limit                                                                                                                                                                                                                                                                                                                                       |
| PNEC             | Predicted No-Effect Concentration                                                                                                                                                                                                                                                                                                                                |

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| Abbr.       | Descriptions of used abbreviations                                                                  |
|-------------|-----------------------------------------------------------------------------------------------------|
| ppm         | Parts per million                                                                                   |
| Repr.       | Reproductive toxicity                                                                               |
| RTECS       | Registry of Toxic Effects of Chemical Substances (database of NIOSH with toxicological information) |
| Skin Corr.  | Corrosive to skin                                                                                   |
| Skin Irrit. | Irritant to skin                                                                                    |
| Skin Sens.  | Skin sensitization                                                                                  |
| STEL        | Short-term exposure limit                                                                           |
| STOT RE     | Specific target organ toxicity - repeated exposure                                                  |
| TLV®        | Threshold Limit Values                                                                              |
| TWA         | Time-weighted average                                                                               |
| vPvB        | Very Persistent and very Bioaccumulative                                                            |

**Key literature references and sources for data**

OSHA Hazard Communication Standard (HCS), 29 CFR 1910.1200.

Transport of dangerous goods by road or rail (49 CFR US DOT). International Maritime Dangerous Goods Code (IMDG). Dangerous Goods Regulations (DGR) for the air transport (IATA).

**Classification procedure**

Physical and chemical properties: The classification is based on tested mixture.

Health hazards, Environmental hazards: The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

**List of relevant phrases (code and full text as stated in section 2 and 3)**

| Code   | Text                                                            |
|--------|-----------------------------------------------------------------|
| H302   | Harmful if swallowed.                                           |
| H314   | Causes severe skin burns and eye damage.                        |
| H315   | Causes skin irritation.                                         |
| H317   | May cause an allergic skin reaction.                            |
| H318   | Causes serious eye damage.                                      |
| H319   | Causes serious eye irritation.                                  |
| H330   | Fatal if inhaled.                                               |
| H332   | Harmful if inhaled.                                             |
| H341   | Suspected of causing genetic defects.                           |
| H360FD | May damage fertility. May damage the unborn child.              |
| H372   | Causes damage to organs through prolonged or repeated exposure. |

**Disclaimer**

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.

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