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Revision date / version: 24.02.2023 / 0016  
Replacing version dated / version: 10.12.2021 / 0015  
Valid from: 24.02.2023  
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SEALANT SUPRAFLEX CLEAR 310 ML  
Art.: 9010648

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**Safety data sheet**  
**according to Regulation (EC) No 1907/2006, Annex II**

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

**1.1 Product identifier**

**SEALANT SUPRAFLEX CLEAR 310 ML**  
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**1.2 Relevant identified uses of the substance or mixture and uses advised against**

**Relevant identified uses of the substance or mixture:**

Solvent-based joint sealant  
for expansion and end joints

**Uses advised against:**

No information available at present.

**1.3 Details of the supplier of the safety data sheet**

BTI Befestigungstechnik GmbH & Co. KG  
Salzstr. 51  
74653 Ingelfingen  
Tel.: +49 7940 141 141  
Fax: +49 7940 141 9141  
Email: info@bti.de  
Homepage: www.bti.de

Qualified person's e-mail address: info@chemical-check.de, k.schnurbusch@chemical-check.de Please DO NOT use for requesting Safety Data Sheets.

**1.4 Emergency telephone number**

**Emergency information services / official advisory body:**

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**Telephone number of the company in case of emergencies:**

+49 (0) 700 / 24 112 112 (BRC)  
+1 872 5888271 (BRC)

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**SECTION 2: Hazards identification**

**2.1 Classification of the substance or mixture**

**Classification according to Regulation (EC) 1272/2008 (CLP)**

| <b>Hazard class</b> | <b>Hazard category</b> | <b>Hazard statement</b>                 |
|---------------------|------------------------|---|
| Flam. Liq.          | 3                      | H226-Flammable liquid and vapour.       |
| STOT SE             | 3                      | H336-May cause drowsiness or dizziness. |

**2.2 Label elements**

**Labeling according to Regulation (EC) 1272/2008 (CLP)**

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Warning

H226-Flammable liquid and vapour. H336-May cause drowsiness or dizziness.

P101-If medical advice is needed, have product container or label at hand. P102-Keep out of reach of children.

P210-Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P261-

Avoid breathing vapours or spray. P271-Use only outdoors or in a well-ventilated area.

P312-Call a POISON CENTRE / doctor if you feel unwell.

P405-Store locked up.

P501-Dispose of contents / container to an approved waste disposal facility.

EUH066-Repeated exposure may cause skin dryness or cracking.

n-butyl acetate

### 2.3 Other hazards

The mixture does not contain any vPvB substance (vPvB = very persistent, very bioaccumulative) or is not included under XIII of the regulation (EC) 1907/2006 (< 0,1 %).

The mixture does not contain any PBT substance (PBT = persistent, bioaccumulative, toxic) or is not included under XIII of the regulation (EC) 1907/2006 (< 0,1 %).

The mixture does not contain any substance with endocrine disrupting properties (< 0,1 %).

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

n.a.

### 3.2 Mixtures

|   |  |
|---|--|
| <b>Distillates (petroleum), hydrotreated heavy paraffinic</b>                 |  |
| <b>Registration number (REACH)</b>  | 01-2119484627-25-XXXX  |
| <b>Index</b>  | 649-467-00-8   |
| <b>EINECS, ELINCS, NLP, REACH-IT List-No.</b>                                 | 265-157-1  |
| <b>CAS</b>  | 64742-54-7   |
| <b>content %</b>  | 20-30  |
| <b>Classification according to Regulation (EC) 1272/2008 (CLP), M-factors</b> | Asp. Tox. 1, H304  |
| <b>n-butyl acetate</b>  | <b>Substance for which an EU exposure limit value applies.</b> |
| <b>Registration number (REACH)</b>  | ---  |



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|   |   |
|---|---|
| <b>Index</b>  | 607-025-00-1                                    |
| <b>EINECS, ELINCS, NLP, REACH-IT List-No.</b>                                 | 204-658-1                                       |
| <b>CAS</b>  | 123-86-4  |
| <b>content %</b>  | 20-30   |
| <b>Classification according to Regulation (EC) 1272/2008 (CLP), M-factors</b> | EUH066<br>Flam. Liq. 3, H226<br>STOT SE 3, H336 |

|   |  |
|---|--|
| <b>Bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate</b>                          |  |
| <b>Registration number (REACH)</b>  | 01-2119537297-32-XXXX  |
| <b>Index</b>  | ---  |
| <b>EINECS, ELINCS, NLP, REACH-IT List-No.</b>                                 | 258-207-9  |
| <b>CAS</b>  | 52829-07-9   |
| <b>content %</b>  | 0,1-<0,5   |
| <b>Classification according to Regulation (EC) 1272/2008 (CLP), M-factors</b> | Eye Dam. 1, H318<br>Repr. 2, H361f<br>Aquatic Acute 1, H400 (M=1)<br>Aquatic Chronic 2, H411 |

For the text of the H-phrases and classification codes (GHS/CLP), see Section 16.

The substances named in this section are given with their actual, appropriate classification!

For substances that are listed in appendix VI, table 3.1 of the regulation (EC) no. 1272/2008 (CLP regulation) this means that all notes that may be given here for the named classification have been taken into account.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

First-aiders should ensure they are protected!

Never pour anything into the mouth of an unconscious person!

#### Inhalation

Remove person from danger area.

Supply person with fresh air and consult doctor according to symptoms.

If the person is unconscious, place in a stable side position and consult a doctor.

#### Skin contact

Remove polluted, soaked clothing immediately, wash thoroughly with plenty of water and soap, in case of irritation of the skin (flare), consult a doctor.

#### Eye contact

Remove contact lenses.

Wash thoroughly for several minutes using copious water. Seek medical help if necessary.

#### Ingestion

Rinse the mouth thoroughly with water.

Do not induce vomiting - give copious water to drink. Consult doctor immediately.

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

If applicable delayed symptoms and effects can be found in section 11 and the absorption route in section 4.1.

In certain cases, the symptoms of poisoning may only appear after an extended period / after several hours.

The following may occur:

Coughing

Nausea

Vomiting

Headaches



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Unconsciousness

Respiratory distress

drowsiness

Drying of the skin.

Dermatitis (skin inflammation)

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

Symptomatic treatment.

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**SECTION 5: Firefighting measures**

**5.1 Extinguishing media**

**Suitable extinguishing media**

CO2

Extinction powder

Water jet spray

Large fire:

Water jet spray / alcohol resistant foam

**Unsuitable extinguishing media**

High volume water jet

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

In case of fire the following can develop:

Oxides of carbon

Oxides of nitrogen

Toxic vapours

Flammable vapour/air mixtures

**5.3 Advice for firefighters**

For personal protective equipment see Section 8.

In case of fire and/or explosion do not breathe fumes.

Protective respirator with independent air supply.

Cool container at risk with water.

Dispose of contaminated extinction water according to official regulations.

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**SECTION 6: Accidental release measures**

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

**6.1.1 For non-emergency personnel**

In case of spillage or accidental release, wear personal protective equipment as specified in section 8 to prevent contamination.

Ensure sufficient ventilation, remove sources of ignition.

Avoid dust formation with solid or powder products.

Leave the danger zone if possible, use existing emergency plans if necessary.

Avoid contact with eyes or skin.

**6.1.2 For emergency responders**

See section 8 for suitable protective equipment and material specifications.

**6.2 Environmental precautions**

If leakage occurs, dam up.

Resolve leaks if this possible without risk.

Prevent surface and ground-water infiltration, as well as ground penetration.

Prevent from entering drainage system.



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If accidental entry into drainage system occurs, inform responsible authorities.

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

Soak up with absorbent material (e.g. universal binding agent, sand, diatomaceous earth) and dispose of according to Section 13.

Or:

Pick up mechanically and dispose of according to Section 13.

Flush residue using copious water.

### 6.4 Reference to other sections

For personal protective equipment see Section 8 and for disposal instructions see Section 13.

## SECTION 7: Handling and storage

In addition to information given in this section, relevant information can also be found in section 8 and 6.1.

### 7.1 Precautions for safe handling

#### 7.1.1 General recommendations

Ensure good ventilation.

Avoid inhalation of the vapours.

Keep away from sources of ignition - Do not smoke.

Avoid contact with eyes or skin.

Eating, drinking, smoking, as well as food-storage, is prohibited in work-room.

Observe directions on label and instructions for use.

Use working methods according to operating instructions.

#### 7.1.2 Notes on general hygiene measures at the workplace

General hygiene measures for the handling of chemicals are applicable.

Wash hands before breaks and at end of work.

Keep away from food, drink and animal feedingstuffs.

Remove contaminated clothing and protective equipment before entering areas in which food is consumed.

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

Keep out of access to unauthorised individuals.

Observe special storage conditions.

Not to be stored in gangways or stair wells.

Store product closed and only in original packing.

Protect from direct sunlight and warming.

Store in a well-ventilated place.

Do not store over 60°C.

### 7.3 Specific end use(s)

No information available at present.


Observe the instructions for good working practice and the recommendations for risk assessment.

Consult hazardous substance information systems, e.g. from the professional associations, the chemical industry or different industries,

depending on the application (building materials, wood, chemistry, laboratory, leather, metal).

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

|  Chemical Name | n-butyl acetate  |     |
|---|--|-----|
| WEL-TWA: 150 ppm (724 mg/m <sup>3</sup> )<br>(WEL), 50 ppm (241 mg/m <sup>3</sup> ) (EU)          | WEL-STEL: 200 ppm (966 mg/m <sup>3</sup> )<br>(WEL), 150 ppm (723 mg/m <sup>3</sup> ) (EU) | --- |



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|                        |  |
|------------------------|--|
| Monitoring procedures: | <ul style="list-style-type: none"> <li>- Compur - KITA-138 U (548 857)</li> <li>- Compur - KITA-139 SB(C) (549 731)</li> <li>- NIOSH 1450 (ESTERS 1) - 2003</li> <li>- NIOSH 2549 (VOLATILE ORGANIC COMPOUNDS (SCREENING)) - 1996</li> <li>- OSHA 1009 (n-Butyl Acetate Isobutyl Acetate sec-Butyl Acetate tert-Butyl Acetate) - 2007</li> </ul> |
| BMGV: ---              | Other information: ---   |

|  <b>Chemical Name</b> Silicon dioxide |                        |     |
|--|------------------------|-----|
| WEL-TWA: 6 mg/m <sup>3</sup> (total inh. dust),<br>2,4 mg/m <sup>3</sup> (resp. dust)                                  | WEL-STEL: ---          | --- |
| Monitoring procedures:   | ---                    |     |
| BMGV: ---  | Other information: --- |     |

| Distillates (petroleum), hydrotreated heavy paraffinic |  |                          |            |       |                   |      |
|--|--|--------------------------|------------|-------|-------------------|------|
| Area of application                                    | Exposure route / Environmental compartment | Effect on health         | Descriptor | Value | Unit              | Note |
|  | Environment - oral (animal feed)           |                          | PNEC       | 9,33  | mg/kg feed        |      |
| Consumer   | Human - inhalation                         | Long term, local effects | DNEL       | 1,2   | mg/m <sup>3</sup> |      |
| Workers / employees                                    | Human - inhalation                         | Long term, local effects | DNEL       | 5,4   | mg/m <sup>3</sup> |      |

| n-butyl acetate     |  |                              |            |        |                   |      |
|---------------------|--|------------------------------|------------|--------|-------------------|------|
| Area of application | Exposure route / Environmental compartment | Effect on health             | Descriptor | Value  | Unit              | Note |
|                     | Environment - freshwater                   |                              | PNEC       | 0,18   | mg/l              |      |
|                     | Environment - marine                       |                              | PNEC       | 0,018  | mg/l              |      |
|                     | Environment - periodic release             |                              | PNEC       | 0,36   | mg/l              |      |
|                     | Environment - sediment, freshwater         |                              | PNEC       | 0,981  | mg/kg             |      |
|                     | Environment - sediment, marine             |                              | PNEC       | 0,0981 | mg/kg             |      |
|                     | Environment - soil                         |                              | PNEC       | 0,0903 | mg/kg             |      |
|                     | Environment - sewage treatment plant       |                              | PNEC       | 35,6   | mg/l              |      |
| Consumer            | Human - dermal                             | Long term, systemic effects  | DNEL       | 3,4    | mg/kg             |      |
| Consumer            | Human - inhalation                         | Short term, systemic effects | DNEL       | 300    | mg/m <sup>3</sup> |      |
| Consumer            | Human - inhalation                         | Long term, systemic effects  | DNEL       | 35,7   | mg/m <sup>3</sup> |      |



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|                     |                    |                              |      |      |                   |  |
|---------------------|--------------------|------------------------------|------|------|-------------------|--|
| Consumer            | Human - inhalation | Short term, local effects    | DNEL | 300  | mg/m <sup>3</sup> |  |
| Consumer            | Human - inhalation | Long term, local effects     | DNEL | 35,7 | mg/m <sup>3</sup> |  |
| Consumer            | Human - dermal     | Short term, systemic effects | DNEL | 6    | mg/kg bw/day      |  |
| Consumer            | Human - oral       | Long term, systemic effects  | DNEL | 2    | mg/kg bw/day      |  |
| Consumer            | Human - oral       | Short term, systemic effects | DNEL | 2    | mg/kg bw/day      |  |
| Workers / employees | Human - inhalation | Short term, systemic effects | DNEL | 600  | mg/m <sup>3</sup> |  |
| Workers / employees | Human - inhalation | Long term, systemic effects  | DNEL | 300  | mg/m <sup>3</sup> |  |
| Workers / employees | Human - dermal     | Long term, systemic effects  | DNEL | 7    | mg/kg bw/d        |  |
| Workers / employees | Human - dermal     | Short term, systemic effects | DNEL | 11   | mg/kg bw/day      |  |
| Workers / employees | Human - inhalation | Short term, local effects    | DNEL | 600  | mg/m <sup>3</sup> |  |
| Workers / employees | Human - inhalation | Long term, local effects     | DNEL | 300  | mg/m <sup>3</sup> |  |

| <b>Bis(2,2,6,6-tetramethyl-4-piperidyl) sebacate</b> |  |                              |                   |              |                       |             |
|--|--|------------------------------|-------------------|--------------|-----------------------|-------------|
| <b>Area of application</b>                           | <b>Exposure route / Environmental compartment</b>    | <b>Effect on health</b>      | <b>Descriptor</b> | <b>Value</b> | <b>Unit</b>           | <b>Note</b> |
|  | Environment - freshwater                             |                              | PNEC              | 0,018        | mg/l                  |             |
|  | Environment - marine                                 |                              | PNEC              | 0,0018       | mg/l                  |             |
|  | Environment - sediment, freshwater                   |                              | PNEC              | 29           | mg/kg                 |             |
|  | Environment - sediment, marine                       |                              | PNEC              | 2,9          | mg/kg                 |             |
|  | Environment - soil                                   |                              | PNEC              | 5,9          | mg/kg                 |             |
|  | Environment - water, sporadic (intermittent) release |                              | PNEC              | 0,007        | mg/l                  |             |
|  | Environment - sewage treatment plant                 |                              | PNEC              | 1            | mg/l                  |             |
| Workers / employees                                  | Human - inhalation                                   | Long term, systemic effects  | DNEL              | 5,6          | mg/m <sup>3</sup>     |             |
| Workers / employees                                  | Human - inhalation                                   | Short term, systemic effects | DNEL              | 5,6          | mg/m <sup>3</sup>     |             |
| Workers / employees                                  | Human - dermal                                       | Long term, systemic effects  | DNEL              | 2            | mg/kg body weight/day |             |

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|                     |                |                              |      |   |       |  |
|---------------------|----------------|------------------------------|------|---|-------|--|
| Workers / employees | Human - dermal | Short term, systemic effects | DNEL | 2 | mg/kg |  |
|---------------------|----------------|------------------------------|------|---|-------|--|

| Silicon dioxide     |  |                          |            |       |                   |      |
|---------------------|--|--------------------------|------------|-------|-------------------|------|
| Area of application | Exposure route / Environmental compartment | Effect on health         | Descriptor | Value | Unit              | Note |
|                     | Environment - oral (animal feed)           |                          | PNEC       | 60000 | mg/kg feed        |      |
| Workers / employees | Human - inhalation                         | Long term, local effects | DNEL       | 4     | mg/m <sup>3</sup> |      |

Ⓢ

WEL-TWA = Workplace Exposure Limit - Long-term exposure limit (8-hour TWA (= time weighted average) reference period) EH40. AGW = "Arbeitsplatzgrenzwert" (workplace limit value, Germany).

(8) = Inhalable fraction (Directive 2017/164/EU, Directive 2004/37/CE). (9) = Respirable fraction (Directive 2017/164/EU, Directive 2004/37/CE). (11) = Inhalable fraction (Directive 2004/37/CE). (12) = Inhalable fraction. Respirable fraction in those Member States that implement, on the date of the entry into force of this Directive, a biomonitoring system with a biological limit value not exceeding 0,002 mg Cd/g creatinine in urine (Directive 2004/37/CE). | WEL-STEL = Workplace Exposure Limit - Short-term exposure limit (15-minute reference period).

(8) = Inhalable fraction (2017/164/EU, 2017/2398/EU). (9) = Respirable fraction (2017/164/EU, 2017/2398/EU). (10) = Short-term exposure limit value in relation to a reference period of 1 minute (2017/164/EU). | BMGV = Biological monitoring guidance value EH40. BGW = "Biologischer Grenzwert" (biological limit value, Germany) | Other information: Sen = Capable of causing occupational asthma. Sk = Can be absorbed through skin. Carc = Capable of causing cancer and/or heritable genetic damage.

\*\* = The exposure limit for this substance is repealed through the TRGS 900 (Germany) of January 2006 with the goal of revision.

(13) = The substance can cause sensitisation of the skin and of the respiratory tract (Directive 2004/37/CE), (14) = The substance can cause sensitisation of the skin (Directive 2004/37/CE).

## 8.2 Exposure controls

### 8.2.1 Appropriate engineering controls

Ensure good ventilation. This can be achieved by local suction or general air extraction.

If this is insufficient to maintain the concentration under the WEL or AGW values, suitable breathing protection should be worn.

Applies only if maximum permissible exposure values are listed here.

Suitable assessment methods for reviewing the effectiveness of protection measures adopted include metrological and non-metrological investigative techniques.

These are specified by e.g. EN 14042.

EN 14042 "Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents".

### 8.2.2 Individual protection measures, such as personal protective equipment

General hygiene measures for the handling of chemicals are applicable.

Wash hands before breaks and at end of work.

Keep away from food, drink and animal feedingstuffs.

Remove contaminated clothing and protective equipment before entering areas in which food is consumed.

Eye/face protection:





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With danger of contact with eyes.

Tight fitting protective goggles with side protection (EN 166).

Skin protection - Hand protection:

Chemical resistant protective gloves (EN ISO 374).

Recommended

Protective nitrile gloves (EN ISO 374).

Protective PVC gloves (EN ISO 374).

Minimum layer thickness in mm:

~ 0,9

Permeation time (penetration time) in minutes:

30

Protective gloves in butyl rubber (EN ISO 374).

Minimum layer thickness in mm:

~ 0,3

Permeation time (penetration time) in minutes:

60

Protective hand cream recommended.

The breakthrough times determined in accordance with EN 16523-1 were not obtained under practical conditions.

The recommended maximum wearing time is 50% of breakthrough time.

Skin protection - Other:

Protective working garments (e.g. safety shoes EN ISO 20345, long-sleeved protective working garments).

Respiratory protection:

Normally not necessary.

If OES or MEL is exceeded.

Gas mask filter A (EN 14387), code colour brown

Observe wearing time limitations for respiratory protection equipment.

Thermal hazards:

Not applicable

Additional information on hand protection - No tests have been performed.

In the case of mixtures, the selection has been made according to the knowledge available and the information about the contents.

Selection of materials derived from glove manufacturer's indications.

Final selection of glove material must be made taking the breakthrough times, permeation rates and degradation into account.

Selection of a suitable glove depends not only on the material but also on other quality characteristics and varies from manufacturer to manufacturer.

In the case of mixtures, the resistance of glove materials cannot be predicted and must therefore be tested before use.

The exact breakthrough time of the glove material can be requested from the protective glove manufacturer and must be observed.

### **8.2.3 Environmental exposure controls**

No information available at present.

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## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

|   |  |
|---|--|
| Physical state:   | Pastelike, Liquid                                    |
| Colour:   | Transparent  |
| Odour:  | Characteristic n-butyl acetate                       |
| Odour threshold:  | 7-20 ppm (n-butyl acetate)                           |
| Melting point/freezing point:                             | There is no information available on this parameter. |
| Boiling point or initial boiling point and boiling range: | 126 °C (n-butyl acetate)                             |
| Flammability:   | Flammable  |
| Lower explosion limit:                                    | 1,2 Vol-% (n-butyl acetate)                          |
| Upper explosion limit:                                    | 7,5 Vol-% (n-butyl acetate)                          |
| Flash point:  | 27 °C (n-butyl acetate)                              |
| Auto-ignition temperature:                                | There is no information available on this parameter. |
| Decomposition temperature:                                | There is no information available on this parameter. |
| pH:   | 6,2 (n-butyl acetate)                                |
| Kinematic viscosity:                                      | 15000 mPas (20°C, Dynamic viscosity )                |
| Solubility:   | Insoluble  |
| Partition coefficient n-octanol/water (log value):        | Does not apply to mixtures.                          |
| Vapour pressure:  | 15 mbar (20°C, n-butyl acetate)                      |
| Density and/or relative density:                          | 0,93 g/cm <sup>3</sup> (20°C)                        |
| Relative vapour density:                                  | 4 (20°C, n-butyl acetate)                            |
| Particle characteristics:                                 | Does not apply to liquids.                           |
| <b>9.2 Other information</b>                              |  |
| Explosives:   | Product is not explosive.                            |
| Oxidising liquids:  | No   |
| Solvents content:   | ~24 % (n-butyl acetate)                              |

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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

The product has not been tested.

### 10.2 Chemical stability

Stable with proper storage and handling.

### 10.3 Possibility of hazardous reactions

No dangerous reactions are known.

### 10.4 Conditions to avoid

See also section 7.

Heating, open flame, ignition sources

### 10.5 Incompatible materials

See also section 7.

Avoid contact with strong alkalis.

Avoid contact with strong oxidizing agents.

Avoid contact with strong acids.

### 10.6 Hazardous decomposition products

See also section 5.2

No decomposition when used as directed.

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## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Possibly more information on health effects, see Section 2.1 (classification).

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|---|----------|-------|------|----------|-------------|--------|
| Toxicity / effect   | Endpoint | Value | Unit | Organism | Test method | Notes  |
| Acute toxicity, by oral route:                                |          |       |      |          |             | n.d.a. |
| Acute toxicity, by dermal route:                              |          |       |      |          |             | n.d.a. |
| Acute toxicity, by inhalation:                                |          |       |      |          |             | n.d.a. |
| Skin corrosion/irritation:                                    |          |       |      |          |             | n.d.a. |
| Serious eye damage/irritation:                                |          |       |      |          |             | n.d.a. |
| Respiratory or skin sensitisation:                            |          |       |      |          |             | n.d.a. |
| Germ cell mutagenicity:                                       |          |       |      |          |             | n.d.a. |
| Carcinogenicity:  |          |       |      |          |             | n.d.a. |
| Reproductive toxicity:  |          |       |      |          |             | n.d.a. |
| Specific target organ toxicity - single exposure (STOT-SE):   |          |       |      |          |             | n.d.a. |
| Specific target organ toxicity - repeated exposure (STOT-RE): |          |       |      |          |             | n.d.a. |
| Aspiration hazard:  |          |       |      |          |             | n.d.a. |
| Symptoms:   |          |       |      |          |             | n.d.a. |

| Distillates (petroleum), hydrotreated heavy paraffinic |          |       |         |            |  |   |
|--|----------|-------|---------|------------|--|---|
| Toxicity / effect                                      | Endpoint | Value | Unit    | Organism   | Test method                                  | Notes                                   |
| Acute toxicity, by oral route:                         | LD50     | >5000 | mg/kg   | Rat        | OECD 401 (Acute Oral Toxicity)               | Analogous conclusion                    |
| Acute toxicity, by dermal route:                       | LD50     | >2000 | mg/kg   | Rabbit     | OECD 402 (Acute Dermal Toxicity)             | Analogous conclusion                    |
| Acute toxicity, by inhalation:                         | LC50     | >5,53 | mg/l/4h | Rat        | OECD 403 (Acute Inhalation Toxicity)         | Aerosol, Analogous conclusion           |
| Skin corrosion/irritation:                             |          |       |         | Rabbit     | OECD 404 (Acute Dermal Irritation/Corrosion) | Not irritant, Analogous conclusion      |
| Serious eye damage/irritation:                         |          |       |         | Rabbit     | OECD 405 (Acute Eye Irritation/Corrosion)    | Not irritant, Analogous conclusion      |
| Respiratory or skin sensitisation:                     |          |       |         | Guinea pig | OECD 406 (Skin Sensitisation)                | No (skin contact), Analogous conclusion |

|   |       |       |                   |                        |   |   |
|---|-------|-------|-------------------|------------------------|---|---|
| Germ cell mutagenicity:   |       |       |                   |                        | OECD 473 (In Vitro Mammalian Chromosome Aberration Test)      | Negative Chinese hamster  |
| Germ cell mutagenicity:   |       |       |                   | Salmonella typhimurium | OECD 471 (Bacterial Reverse Mutation Test)                    | Negative, Analogous conclusion                                  |
| Germ cell mutagenicity:   |       |       |                   | Mouse                  | OECD 474 (Mammalian Erythrocyte Micronucleus Test)            | Negative, Analogous conclusion                                  |
| Germ cell mutagenicity:   |       |       |                   | Mammalian              | OECD 476 (In Vitro Mammalian Cell Gene Mutation Test)         | Negative, Analogous conclusion                                  |
| Carcinogenicity:  |       |       |                   | Mouse                  | OECD 451 (Carcinogenicity Studies)                            | Negative, Analogous conclusion 78 weeks, dermal                 |
| Reproductive toxicity:  |       |       |                   | Rat                    | OECD 421 (Reproduction/Developmental Toxicity Screening Test) | Negative, Analogous conclusion oral                             |
| Reproductive toxicity (Developmental toxicity):                         |       |       |                   | Rat                    | OECD 414 (Prenatal Developmental Toxicity Study)              | Negative, Analogous conclusion dermal                           |
| Specific target organ toxicity - repeated exposure (STOT-RE), dermal:   | NOAEL | ~1000 | mg/kg bw/d        | Rabbit                 | OECD 410 (Repeated Dose Dermal Toxicity - 90-Day)             | Analogous conclusion  |
| Specific target organ toxicity - repeated exposure (STOT-RE), dermal:   | NOAEL | <30   | mg/kg             | Rat                    | OECD 411 (Subchronic Dermal Toxicity - 90-day Study)          | Analogous conclusion  |
| Specific target organ toxicity - repeated exposure (STOT-RE), inhalat.: | NOEC  | ~220  | mg/m <sup>3</sup> | Rat                    | OECD 412 (Subacute Inhalation Toxicity - 28-Day Study)        | Analogous conclusion, Aerosol                                   |
| Symptoms:   |       |       |                   |                        |   | coughing, respiratory distress, nausea and vomiting., diarrhoea |



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|---|-------|-----|-------|-----|--|----------------------|
| Specific target organ toxicity - repeated exposure (STOT-RE), oral: | LOAEL | 125 | mg/kg | Rat | OECD 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents) | Analogous conclusion |
|---|-------|-----|-------|-----|--|----------------------|

| <b>n-butyl acetate</b>  |          |        |                   |                        |   |   |
|---|----------|--------|-------------------|------------------------|---|---|
| Toxicity / effect   | Endpoint | Value  | Unit              | Organism               | Test method   | Notes                                       |
| Acute toxicity, by oral route:                                | LD50     | 10760  | mg/kg             | Rat                    | OECD 423 (Acute Oral Toxicity - Acute Toxic Class Method) |   |
| Acute toxicity, by dermal route:                              | LD50     | >14112 | mg/kg             | Rabbit                 | OECD 402 (Acute Dermal Toxicity)                          |   |
| Acute toxicity, by inhalation:                                | LC50     | 21,1   | mg/l/4h           | Rat                    | OECD 403 (Acute Inhalation Toxicity)                      | Vapours                                     |
| Skin corrosion/irritation:                                    |          |        |                   | Rabbit                 | OECD 404 (Acute Dermal Irritation/Corrosion)              | Not irritant                                |
| Serious eye damage/irritation:                                |          |        |                   | Rabbit                 | OECD 405 (Acute Eye Irritation/Corrosion)                 | Not irritant                                |
| Respiratory or skin sensitisation:                            |          |        |                   | Guinea pig             | OECD 406 (Skin Sensitisation)                             | No (skin contact)                           |
| Germ cell mutagenicity:                                       |          |        |                   | Salmonella typhimurium | OECD 471 (Bacterial Reverse Mutation Test)                | Negative                                    |
| Reproductive toxicity:  | NOAEC    | 9640   | mg/m <sup>3</sup> |                        | OECD 416 (Two-generation Reproduction Toxicity Study)     | Negative                                    |
| Specific target organ toxicity - single exposure (STOT-SE):   |          |        |                   |                        |   | Vapours may cause drowsiness and dizziness. |
| Specific target organ toxicity - repeated exposure (STOT-RE): |          |        |                   |                        |   | Negative                                    |

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|---|-------|-----|-----|-----|--|---|
| Symptoms:   |       |     |     |     |  | drowsiness, unconsciousness, headaches, drowsiness, mucous membrane irritation, dizziness, nausea and vomiting. |
| Specific target organ toxicity - repeated exposure (STOT-RE), inhalat.: | NOAEC | 500 | ppm | Rat |  |   |

| <b>Silicon dioxide</b>                          |                 |              |             |                 |                                |   |
|---|-----------------|--------------|-------------|-----------------|--------------------------------|---|
| <b>Toxicity / effect</b>                        | <b>Endpoint</b> | <b>Value</b> | <b>Unit</b> | <b>Organism</b> | <b>Test method</b>             | <b>Notes</b>  |
| Acute toxicity, by oral route:                  | LD50            | >5000        | mg/kg       | Rat             | OECD 401 (Acute Oral Toxicity) | Analogous conclusion                                      |
| Acute toxicity, by dermal route:                | LD50            | >5000        | mg/kg       | Rabbit          |                                | References  |
| Acute toxicity, by inhalation:                  | LC50            | >0,139       | mg/l/4h     | Rat             |                                | References, Maximum achievable concentration              |
| Skin corrosion/irritation:                      |                 |              |             | Rabbit          |                                | Not irritant, References                                  |
| Serious eye damage/irritation:                  |                 |              |             | Rabbit          |                                | Not irritant, Mechanical irritation possible., References |
| Respiratory or skin sensitisation:              |                 |              |             | Guinea pig      |                                | Not sensitising   |
| Germ cell mutagenicity:                         |                 |              |             |                 |                                | Negative  |
| Carcinogenicity:                                |                 |              |             |                 |                                | No indications of such an effect.                         |
| Reproductive toxicity (Developmental toxicity): |                 |              |             |                 |                                | No indications of such an effect.                         |
| Symptoms:                                       |                 |              |             |                 |                                | eyes, reddened  |

## 11.2. Information on other hazards



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|---|----------|-------|------|----------|-------------|---|
| Toxicity / effect                               | Endpoint | Value | Unit | Organism | Test method | Notes   |
| Endocrine disrupting properties:                |          |       |      |          |             | Does not apply to mixtures.   |
| Other information:                              |          |       |      |          |             | No other relevant information available on adverse effects on health. |

| n-butyl acetate    |          |       |      |          |             |   |
|--------------------|----------|-------|------|----------|-------------|---|
| Toxicity / effect  | Endpoint | Value | Unit | Organism | Test method | Notes   |
| Other information: |          |       |      |          |             | Repeated exposure may cause skin dryness or cracking. |

## SECTION 12: Ecological information

Possibly more information on environmental effects, see Section 2.1 (classification).

| SEALANT SUPRAFLEX CLEAR 310 ML<br>Art.: 9010648 |          |      |       |      |          |             |                             |
|---|----------|------|-------|------|----------|-------------|-----------------------------|
| Toxicity / effect                               | Endpoint | Time | Value | Unit | Organism | Test method | Notes                       |
| 12.1. Toxicity to fish:                         |          |      |       |      |          |             | n.d.a.                      |
| 12.1. Toxicity to daphnia:                      |          |      |       |      |          |             | n.d.a.                      |
| 12.1. Toxicity to algae:                        |          |      |       |      |          |             | n.d.a.                      |
| 12.2. Persistence and degradability:            |          |      |       |      |          |             | n.d.a.                      |
| 12.3. Bioaccumulative potential:                |          |      |       |      |          |             | n.d.a.                      |
| 12.4. Mobility in soil:                         |          |      |       |      |          |             | n.d.a.                      |
| 12.5. Results of PBT and vPvB assessment        |          |      |       |      |          |             | n.d.a.                      |
| 12.6. Endocrine disrupting properties:          |          |      |       |      |          |             | Does not apply to mixtures. |



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|                              |  |  |  |  |  |  |  |
|------------------------------|--|--|--|--|--|--|--|
| 12.7. Other adverse effects: |  |  |  |  |  |  | No information available on other adverse effects on the environment.      |
| Other information:           |  |  |  |  |  |  | According to the recipe, contains no AOX.                                  |
| Other information:           |  |  |  |  |  |  | DOC-elimination degree (complexing organic substance) $\geq$ 80%/28d: n.a. |

| <b>Distillates (petroleum), hydrotreated heavy paraffinic</b> |                 |             |              |             |                                 |  |                      |
|---|-----------------|-------------|--------------|-------------|---------------------------------|--|----------------------|
| <b>Toxicity / effect</b>                                      | <b>Endpoint</b> | <b>Time</b> | <b>Value</b> | <b>Unit</b> | <b>Organism</b>                 | <b>Test method</b>                               | <b>Notes</b>         |
| 12.1. Toxicity to fish:                                       | NOEC/NOEL       | 96h         | >100         | mg/l        | Pimephales promelas             | OECD 203 (Fish, Acute Toxicity Test)             |                      |
| 12.1. Toxicity to fish:                                       | NOEC/NOEL       | 14d         | 1000         | mg/l        | Oncorhynchus mykiss             | QSAR   |                      |
| 12.1. Toxicity to daphnia:                                    | EL50            | 48h         | 10000        | mg/l        | Daphnia magna                   | OECD 202 (Daphnia sp. Acute Immobilisation Test) | Analogous conclusion |
| 12.1. Toxicity to daphnia:                                    | LL50            | 96h         | >10000       | mg/l        |                                 | OECD 202 (Daphnia sp. Acute Immobilisation Test) |                      |
| 12.1. Toxicity to daphnia:                                    | NOEC/NOEL       | 21d         | 10           | mg/l        | Daphnia magna                   | OECD 211 (Daphnia magna Reproduction Test)       | Analogous conclusion |
| 12.1. Toxicity to algae:                                      | NOEC/NOEL       | 72h         | $\geq$ 100   | mg/l        | Pseudokirchneriella subcapitata | OECD 201 (Alga, Growth Inhibition Test)          |                      |





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|  |  |     |    |   |  |  |   |
|--|--|-----|----|---|--|--|---|
| 12.2. Persistence and degradability:     |  | 28d | 31 | % |  | OECD 301 F (Ready Biodegradability - Manometric Respirometry Test) | Not readily biodegradable, Analogous conclusion |
| 12.5. Results of PBT and vPvB assessment |  |     |    |   |  |  | No PBT substance, No vPvB substance             |
| Water solubility:                        |  |     |    |   |  |  | Insoluble                                       |

| <b>n-butyl acetate</b>               |                 |             |              |             |                         |  |                                      |
|--------------------------------------|-----------------|-------------|--------------|-------------|-------------------------|--|--------------------------------------|
| <b>Toxicity / effect</b>             | <b>Endpoint</b> | <b>Time</b> | <b>Value</b> | <b>Unit</b> | <b>Organism</b>         | <b>Test method</b>                                       | <b>Notes</b>                         |
| 12.7. Other adverse effects:         |                 |             |              |             |                         |  | Product floats on the water surface. |
| 12.1. Toxicity to fish:              | LC50            | 96h         | 18           | mg/l        | Pimephales promelas     | OECD 203 (Fish, Acute Toxicity Test)                     |                                      |
| 12.1. Toxicity to daphnia:           | EC50            | 48h         | 44           | mg/l        | Daphnia magna           | OECD 202 (Daphnia sp. Acute Immobilisation Test)         |                                      |
| 12.1. Toxicity to daphnia:           | NOEC/NOEL       | 21d         | 23           | mg/l        | Daphnia magna           | OECD 211 (Daphnia magna Reproduction Test)               |                                      |
| 12.1. Toxicity to algae:             | EC50            | 72h         | 397          | mg/l        | Scenedesmus subspicatus | OECD 201 (Alga, Growth Inhibition Test)                  |                                      |
| 12.1. Toxicity to algae:             | NOEC/NOEL       | 72h         | 200          | mg/l        | Desmodesmus subspicatus |  |                                      |
| 12.2. Persistence and degradability: |                 | 28d         | 98           | %           |                         | OECD 301 D (Ready Biodegradability - Closed Bottle Test) | Readily biodegradable                |
| 12.3. Bioaccumulative potential:     | Log Pow         |             | 1,78-2,3     |             |                         |  | Low                                  |
| 12.3. Bioaccumulative potential:     | BCF             |             | 15,3         |             |                         |  |                                      |



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|  |      |  |     |      |                    |  |  |
|--|------|--|-----|------|--------------------|--|--|
| 12.5. Results of PBT and vPvB assessment |      |  |     |      |                    |  | No PBT substance,<br>No vPvB substance |
| Toxicity to bacteria:                    | EC10 |  | 959 | mg/l | Pseudomonas putida |  |  |

| Silicon dioxide                          |          |      |            |      |                   |  |  |
|--|----------|------|------------|------|-------------------|--|--|
| Toxicity / effect                        | Endpoint | Time | Value      | Unit | Organism          | Test method                                      | Notes                                  |
| 12.1. Toxicity to fish:                  | LC50     | 96h  | >1000<br>0 | mg/l | Brachydanio rerio | OECD 203 (Fish, Acute Toxicity Test)             |  |
| 12.1. Toxicity to daphnia:               | EC50     | 24h  | >1000<br>0 | mg/l | Daphnia magna     | OECD 202 (Daphnia sp. Acute Immobilisation Test) |  |
| 12.1. Toxicity to algae:                 | EL50     | 72h  | >1000<br>0 | mg/l |                   | OECD 201 (Alga, Growth Inhibition Test)          |  |
| 12.2. Persistence and degradability:     |          |      |            |      |                   |  | Abiotically degradable.                |
| 12.3. Bioaccumulative potential:         |          |      |            |      |                   |  | Not to be expected                     |
| 12.4. Mobility in soil:                  |          |      |            |      |                   |  | Not to be expected                     |
| 12.5. Results of PBT and vPvB assessment |          |      |            |      |                   |  | No PBT substance,<br>No vPvB substance |

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### For the substance / mixture / residual amounts

EC disposal code no.:

The waste codes are recommendations based on the scheduled use of this product.

Owing to the user's specific conditions for use and disposal, other waste codes may be allocated under certain circumstances. (2014/955/EU)

08 04 09 waste adhesives and sealants containing organic solvents or other hazardous substances

Recommendation:

Sewage disposal shall be discouraged.

Pay attention to local and national official regulations.

E.g. dispose at suitable refuse site.

E.g. suitable incineration plant.

#### For contaminated packing material



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Pay attention to local and national official regulations.  
15 01 02 plastic packaging  
15 01 01 paper and cardboard packaging

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## SECTION 14: Transport information

### General statements

#### Transport by road/by rail (ADR/RID)

Is not subject to ADR/RID, in accordance with to 2.2.3.1.5 (<= 450 l)

|                                   |                |
|-----------------------------------|----------------|
| 14.1. UN number or ID number:     | Not applicable |
| 14.2. UN proper shipping name:    | Not applicable |
| 14.3. Transport hazard class(es): | Not applicable |
| 14.5. Environmental hazards:      | Not applicable |
| Tunnel restriction code:          | Not applicable |
| Classification code:              | Not applicable |
| LQ:                               | Not applicable |
| Transport category:               | Not applicable |

#### Transport by sea (IMDG-code)

Transport in accordance with 2.3.2.5 of the IMDG Code

|                                   |                |
|-----------------------------------|----------------|
| 14.1. UN number or ID number:     | Not applicable |
| 14.2. UN proper shipping name:    | Not applicable |
| 14.3. Transport hazard class(es): | Not applicable |
| 14.4. Packing group:              | Not applicable |
| 14.5. Environmental hazards:      | Not applicable |
| Marine Pollutant:                 | Not applicable |
| EmS:                              | Not applicable |

#### Transport by air (IATA)

|                                   |                   |
|-----------------------------------|-------------------|
| 14.1. UN number or ID number:     | 1133              |
| 14.2. UN proper shipping name:    | UN 1133 Adhesives |
| 14.3. Transport hazard class(es): | 3                 |
| 14.4. Packing group:              | III               |
| 14.5. Environmental hazards:      | Not applicable    |



#### 14.6. Special precautions for user

Persons employed in transporting dangerous goods must be trained.  
All persons involved in transporting must observe safety regulations.  
Precautions must be taken to prevent damage.

#### 14.7. Maritime transport in bulk according to IMO instruments

Freighted as packaged goods rather than in bulk, therefore not applicable.  
Minimum amount regulations have not been taken into account.  
Danger code and packing code on request.  
Comply with special provisions.

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## SECTION 15: Regulatory information

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



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Observe restrictions:  
Comply with trade association/occupational health regulations.

Directive 2012/18/EU ("Seveso III"), Annex I, Part 1 - The following categories apply to this product (others may also need to be considered according to storage, handling etc.):

| Hazard categories | Notes to Annex I | Qualifying quantity (tonnes) of dangerous substances as referred to in Article 3(10) for the application of - Lower-tier requirements | Qualifying quantity (tonnes) of dangerous substances as referred to in Article 3(10) for the application of - Upper-tier requirements |
|-------------------|------------------|---|---|
| P5c               |                  | 5000  | 50000   |

The Notes to Annex 1 of Directive 2012/18/EU, in particular those named in the tables here and notes 1-6, must be taken into account when assigning categories and qualifying quantities.

Directive 2010/75/EU (VOC): 25,08 %

Observe incident regulations.

National requirements/regulations on safety and health protection must be applied when using work equipment.

### 15.2 Chemical safety assessment

A chemical safety assessment is not provided for mixtures.

## SECTION 16: Other information

Revised sections: 15  
Employee training in handling dangerous goods is required.  
These details refer to the product as it is delivered.  
Employee instruction/training in handling hazardous materials is required.

### Classification and processes used to derive the classification of the mixture in accordance with the ordinance (EG) 1272/2008 (CLP):

| Classification in accordance with regulation (EC) No. 1272/2008 (CLP) | Evaluation method used                             |
|---|--|
| Flam. Liq. 3, H226  | Classification based on test data.                 |
| STOT SE 3, H336   | Classification according to calculation procedure. |

The following phrases represent the posted Hazard Class and Risk Category Code (GHS/CLP) of the product and the constituents (specified in Section 2 and 3).

H361f Suspected of damaging fertility.  
H226 Flammable liquid and vapour.  
H304 May be fatal if swallowed and enters airways.  
H318 Causes serious eye damage.  
H336 May cause drowsiness or dizziness.  
H400 Very toxic to aquatic life.  
H411 Toxic to aquatic life with long lasting effects.  
EUH066 Repeated exposure may cause skin dryness or cracking.



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Flam. Liq. — Flammable liquid

STOT SE — Specific target organ toxicity - single exposure - narcotic effects

Asp. Tox. — Aspiration hazard

Eye Dam. — Serious eye damage

Repr. — Reproductive toxicity

Aquatic Acute — Hazardous to the aquatic environment - acute

Aquatic Chronic — Hazardous to the aquatic environment - chronic

#### **Key literature references and sources for data:**

Regulation (EC) No 1907/2006 (REACH) and Regulation (EC) No 1272/2008 (CLP) as amended.

Guidelines for the preparation of safety data sheets as amended (ECHA).

Guidelines on labelling and packaging according to the Regulation (EG) Nr. 1272/2008 (CLP) as amended (ECHA).

Safety data sheets for the constituent substances.

ECHA Homepage - Information about chemicals.

GESTIS Substance Database (Germany).

German Environment Agency "Rigoletto" information site on substances that are hazardous to water (Germany).

EU Occupation Exposure Limits Directives 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU, (EU) 2017/164, (EU) 2019/1831, each as amended.

National Lists of Occupational Exposure Limits for each country as amended.

Regulations on the transport of hazardous goods by road, rail, sea and air (ADR, RID, IMDG, IATA) as amended.

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#### **Any abbreviations and acronyms used in this document:**

acc., acc. to according, according to

ADR Accord européen relatif au transport international des marchandises Dangereuses par Route (= European Agreement concerning the International Carriage of Dangerous Goods by Road)

AOX Adsorbable organic halogen compounds

approx. approximately

Art., Art. no. Article number

ASTM ASTM International (American Society for Testing and Materials)

ATE Acute Toxicity Estimate

BAM Bundesanstalt für Materialforschung und -prüfung (Federal Institute for Materials Research and Testing, Germany)

BAuA Bundesanstalt für Arbeitsschutz und Arbeitsmedizin (= Federal Institute for Occupational Health and Safety, Germany)

BCF Bioconcentration factor

BSEF The International Bromine Council

bw body weight

CAS Chemical Abstracts Service

CLP Classification, Labelling and Packaging (REGULATION (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures)

CMR carcinogenic, mutagenic, reproductive toxic

DMEL Derived Minimum Effect Level

DNEL Derived No Effect Level

DOC Dissolved organic carbon

dw dry weight

e.g. for example (abbreviation of Latin 'exempli gratia'), for instance



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EbCx, EyCx, EbLx (x = 10, 50) Effect Concentration/Level of x % on reduction of the biomass (algae, plants)

EC European Community

ECHA European Chemicals Agency

ECx, ELx (x = 0, 3, 5, 10, 20, 50, 80, 100) Effect Concentration/Level for x % effect

EEC European Economic Community

EINECS European Inventory of Existing Commercial Chemical Substances

ELINCS European List of Notified Chemical Substances

EN European Norms

EPA United States Environmental Protection Agency (United States of America)

ErCx, EμCx, ErLx (x = 10, 50) Effect Concentration/Level of x % on inhibition of the growth rate (algae, plants)

etc. et cetera

EU European Union

EVAl Ethylene-vinyl alcohol copolymer

Fax. Fax number

gen. general

GHS Globally Harmonized System of Classification and Labelling of Chemicals

GWP Global warming potential

Koc Adsorption coefficient of organic carbon in the soil

Kow octanol-water partition coefficient

IARC International Agency for Research on Cancer

IATA International Air Transport Association

IBC (Code) International Bulk Chemical (Code)

IMDG-code International Maritime Code for Dangerous Goods

incl. including, inclusive

IUCLID International Uniform Chemical Information Database

IUPAC International Union for Pure Applied Chemistry

LC50 Lethal Concentration to 50 % of a test population

LD50 Lethal Dose to 50% of a test population (Median Lethal Dose)

Log Koc Logarithm of adsorption coefficient of organic carbon in the soil

Log Kow, Log Pow Logarithm of octanol-water partition coefficient

LQ Limited Quantities

MARPOL International Convention for the Prevention of Marine Pollution from Ships

n.a. not applicable

n.av. not available

n.c. not checked

n.d.a. no data available

NIOSH National Institute for Occupational Safety and Health (USA)

NLP No-longer-Polymer

NOEC, NOEL No Observed Effect Concentration/Level

OECD Organisation for Economic Co-operation and Development

org. organic

OSHA Occupational Safety and Health Administration (USA)

PBT persistent, bioaccumulative and toxic

PE Polyethylene

PNEC Predicted No Effect Concentration

ppm parts per million

PVC Polyvinylchloride

REACH Registration, Evaluation, Authorisation and Restriction of Chemicals (REGULATION (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals)

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Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

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SEALANT SUPRAFLEX CLEAR 310 ML

Art.: 9010648

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RID Règlement concernant le transport International ferroviaire de marchandises Dangereuses (= Regulation concerning the International Carriage of Dangerous Goods by Rail)

SVHC Substances of Very High Concern

Tel. Telephone

TOC Total organic carbon

UN RTDG United Nations Recommendations on the Transport of Dangerous Goods

VOC Volatile organic compounds

vPvB very persistent and very bioaccumulative

wwt wet weight

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The statements made here should describe the product with regard to the necessary safety precautions - they are not meant to guarantee definite characteristics - but they are based on our present up-to-date knowledge.

No responsibility.