



## Safety Data Sheet according to (EC) No 1907/2006 as amended

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LOCTITE PC 6261YL 6,36KG EDPLHU

SDS No. : 416010  
V006.0

Revision: 06.03.2023

printing date: 06.03.2023

Replaces version from: 26.03.2021

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

#### 1.1. Product identifier

LOCTITE PC 6261YL 6,36KG EDPLHU

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

Intended use:

Coating

#### 1.3. Details of the supplier of the safety data sheet

Henkel AG & Co. KGaA

Henkelstr. 67

40589 Düsseldorf

Germany

Phone: +49 211 797 0

SDSinfo.Adhesive@henkel.com

For Safety Data Sheet updates please visit our website <https://mysds.henkel.com/index.html#/appSelection> or [www.henkel-adhesives.com](http://www.henkel-adhesives.com).

#### 1.4. Emergency telephone number

The Henkel information service also provides an around-the-clock telephone service on phone no.+49-(0)211-797-3350 for exceptional cases.

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification (CLP):

|   |            |
|---|------------|
| Flammable liquids                                       | Category 3 |
| H226 Flammable liquid and vapour.                       |            |
| Skin sensitizer   | Category 1 |
| H317 May cause an allergic skin reaction.               |            |
| Chronic hazards to the aquatic environment              | Category 3 |
| H412 Harmful to aquatic life with long lasting effects. |            |

#### 2.2. Label elements

##### Label elements (CLP):

Hazard pictogram:



Contains

p-Chloro-a,a,a-trifluorotoluene

Hexanoic acid, 2-ethyl-, cobalt(2+) salt

|  |  |
|--|--|
| <b>Signal word:</b>                                  | Warning  |
| <b>Hazard statement:</b>                             | H226 Flammable liquid and vapour.<br>H317 May cause an allergic skin reaction.<br>H412 Harmful to aquatic life with long lasting effects.  |
| <b>Supplemental information</b>                      | Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.<br>Restricted to professional users.  |
| <b>Precautionary statement:</b><br><b>Prevention</b> | P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.<br>No smoking.<br>P273 Avoid release to the environment.<br>P280 Wear protective gloves. |
| <b>Precautionary statement:</b><br><b>Response</b>   | P333+P313 If skin irritation or rash occurs: Get medical advice/attention.   |
| <b>Precautionary statement:</b><br><b>Storage</b>    | P403+P235 Store in a well-ventilated place. Keep cool.   |

### 2.3. Other hazards

None if used properly.

Following substances are present in a concentration  $\geq$  the concentration limit for depiction in Section 3 and fulfill the criteria for PBT/vPvB, or were identified as endocrine disruptor (ED):

This mixture does not contain any substances in a concentration  $\geq$  the concentration limit for depiction in Section 3 that are assessed to be a PBT, vPvB or ED.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

**Declaration of the ingredients according to CLP (EC) No 1272/2008:**

| Hazardous components<br>CAS-No.<br>EC Number<br>REACH-Reg No.                         | Concentration | Classification  | Specific Conc. Limits, M-factors and ATEs  | Add. Information |
|---|---------------|---|--|------------------|
| Quartz (SiO <sub>2</sub> ), <1% respirable<br>14808-60-7<br>238-878-4                 | 20- 40 %      |   |  |                  |
| p-Chloro-a,a,a-trifluorotoluene<br>98-56-6<br>202-681-1                               | 5- < 10 %     | Aquatic Chronic 2, H411<br>Flam. Liq. 3, H226<br>Skin Sens. 1B, H317  |  |                  |
| Xylene - mixture of isomeres<br>1330-20-7<br>215-535-7<br>01-2119488216-32            | 5- < 10 %     | Asp. Tox. 1, H304<br>Acute Tox. 4, Inhalation, H332<br>Acute Tox. 4, Dermal, H312<br>Skin Irrit. 2, H315<br>Flam. Liq. 3, H226<br>Eye Irrit. 2, H319<br>STOT SE 3, H335<br>STOT RE 2, H373<br>Aquatic Chronic 3, H412 | dermal:ATE = 1.700 mg/kg<br>oral:ATE = 3.523 mg/kg<br>inhalation:ATE = 11 mg/l;vapour    | EU OEL           |
| Titanium dioxide<br>13463-67-7<br>236-675-5<br>01-2119489379-17                       | 1- < 5 %      | Carc. 2, Inhalation, H351   |  |                  |
| ethylbenzene<br>100-41-4<br>202-849-4<br>01-2119489370-35                             | 1- < 5 %      | Flam. Liq. 2, H225<br>Acute Tox. 4, Inhalation, H332<br>Asp. Tox. 1, H304<br>STOT RE 2, H373<br>Aquatic Chronic 3, H412<br>Eye Irrit. 2, H319<br>STOT SE 3, H335<br>STOT SE 3, H336                                   | dermal:ATE = 15.433 mg/kg<br>oral:ATE = 3.500 mg/kg<br>inhalation:ATE = 17,4 mg/l;vapour | EU OEL           |
| 1-methoxy-2-propanol<br>107-98-2<br>203-539-1<br>01-2119457435-35                     | 1- < 5 %      | Flam. Liq. 3, H226<br>STOT SE 3, H336   |  | EU OEL           |
| Hexanoic acid, 2-ethyl-, cobalt(2+) salt<br>136-52-7<br>205-250-6<br>01-2119524678-29 | 0,01- < 0,1 % | Skin Sens. 1A, H317<br>Aquatic Acute 1, H400<br>Aquatic Chronic 3, H412<br>Eye Irrit. 2, H319<br>Repr. 1B, H360D<br>Carc. 1B, H350  | M acute = 1  |                  |

For full text of the H - statements and other abbreviations see section 16 "Other information".  
Substances without classification may have community workplace exposure limits available.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### Inhalation:

Move to fresh air. If symptoms persist, seek medical advice.

#### Skin contact:

Rinse with running water and soap.  
Obtain medical attention if irritation persists.

#### Eye contact:

Rinse immediately with plenty of running water (for 10 minutes), seek medical attention from a specialist.

#### Ingestion:

Rinse mouth, drink 1-2 glasses of water, do not induce vomiting, consult a doctor.

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

SKIN: Rash, Urticaria.

EYE: Irritation, conjunctivitis.

SKIN: Redness, inflammation.

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

See section: Description of first aid measures

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media:**

water, carbon dioxide, foam, powder

**Extinguishing media which must not be used for safety reasons:**

High pressure waterjet

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

In the event of a fire, carbon monoxide (CO), carbon dioxide (CO<sub>2</sub>) and nitrogen oxides (NO<sub>x</sub>) can be released.

**5.3. Advice for firefighters**

Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.

**Additional information:**

In case of fire, keep containers cool with water spray.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Avoid contact with skin and eyes.

Wear protective equipment.

Ensure adequate ventilation.

Keep away from sources of ignition.

**6.2. Environmental precautions**

Do not empty into drains / surface water / ground water.

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

For small spills wipe up with paper towel and place in container for disposal.

For large spills absorb onto inert absorbent material and place in sealed container for disposal.

Dispose of contaminated material as waste according to Section 13.

**6.4. Reference to other sections**

See advice in section 8

**SECTION 7: Handling and storage****7.1. Precautions for safe handling**

Avoid skin and eye contact.

See advice in section 8

Avoid open flames and sources of ignition.

**Hygiene measures:**

Good industrial hygiene practices should be observed.

Wash hands before work breaks and after finishing work.

Do not eat, drink or smoke while working.

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

Ensure good ventilation/extraction.

Keep container tightly sealed.

Refer to Technical Data Sheet

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

Coating

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Occupational Exposure Limits

Valid for  
Germany

| Ingredient [Regulated substance]                          | ppm | mg/m <sup>3</sup> | Value type                          | Short term exposure limit category / Remarks   | Regulatory list |
|---|-----|-------------------|-------------------------------------|--|-----------------|
| Aluminium oxide<br>1344-28-1                              |     |                   | Short Term Exposure Classification: | Category II: substances with a resorptive effect.  | TRGS 900        |
| Aluminium oxide<br>1344-28-1                              |     | 1,25              | Exposure limit(s):                  | If the AGW and BGW values are complied with, there should be no risk of reproductive damage (see Number 2.7).      | TRGS 900        |
| Aluminium oxide<br>1344-28-1                              |     | 10                | Exposure limit(s):                  | 2<br>If the AGW and BGW values are complied with, there should be no risk of reproductive damage (see Number 2.7). | TRGS 900        |
| Xylene<br>1330-20-7<br>[XYLENE, MIXED ISOMERS, PURE]      | 50  | 221               | Time Weighted Average (TWA):        | Indicative   | ECTLV           |
| Xylene<br>1330-20-7<br>[XYLENE, MIXED ISOMERS, PURE]      | 100 | 442               | Short Term Exposure Limit (STEL):   | Indicative   | ECTLV           |
| Xylene<br>1330-20-7                                       |     |                   | Short Term Exposure Classification: | Category II: substances with a resorptive effect.  | TRGS 900        |
| Xylene<br>1330-20-7                                       |     |                   | Skin designation:                   | Can be absorbed through the skin.  | TRGS 900        |
| Xylene<br>1330-20-7                                       | 50  | 220               | Exposure limit(s):                  | 2  | TRGS 900        |
| Titanium dioxide<br>13463-67-7                            |     |                   | Short Term Exposure Classification: | Category II: substances with a resorptive effect.  | TRGS 900        |
| Titanium dioxide<br>13463-67-7                            |     | 10                | Exposure limit(s):                  | 2<br>If the AGW and BGW values are complied with, there should be no risk of reproductive damage (see Number 2.7). | TRGS 900        |
| Titanium dioxide<br>13463-67-7                            |     | 1,25              | Exposure limit(s):                  | If the AGW and BGW values are complied with, there should be no risk of reproductive damage (see Number 2.7).      | TRGS 900        |
| Ethylbenzene<br>100-41-4<br>[ETHYLBENZENE]                | 100 | 442               | Time Weighted Average (TWA):        | Indicative   | ECTLV           |
| Ethylbenzene<br>100-41-4<br>[ETHYLBENZENE]                | 200 | 884               | Short Term Exposure Limit (STEL):   | Indicative   | ECTLV           |
| Ethylbenzene<br>100-41-4                                  |     |                   | Skin designation:                   | Can be absorbed through the skin.  | TRGS 900        |
| Ethylbenzene<br>100-41-4                                  | 20  | 88                | Exposure limit(s):                  | 2<br>If the AGW and BGW values are complied with, there should be no risk of reproductive damage (see Number 2.7). | TRGS 900        |
| Ethylbenzene<br>100-41-4                                  |     |                   | Short Term Exposure Classification: | Category II: substances with a resorptive effect.  | TRGS 900        |
| 1-Methoxypropan-2-ol<br>107-98-2<br>[1-METHOXYPROPANOL-2] | 100 | 375               | Time Weighted Average (TWA):        | Indicative   | ECTLV           |
| 1-Methoxypropan-2-ol<br>107-98-2<br>[1-METHOXYPROPANOL-2] | 150 | 568               | Short Term Exposure Limit (STEL):   | Indicative   | ECTLV           |
| 1-Methoxypropan-2-ol<br>107-98-2                          | 100 | 370               | Exposure limit(s):                  | 2<br>If the AGW and BGW values   | TRGS 900        |

|   |  |  |  |  |          |
|---|--|--|--|--|----------|
|   |  |  |  | are complied with, there should be no risk of reproductive damage (see Number 2.7).  |          |
| 1-Methoxypropan-2-ol<br>107-98-2  |  |  | Short Term Exposure Classification:                  | Category I: substances for which the localized effect has an assigned OEL or for substances with a sensitizing effect in respiratory passages. | TRGS 900 |
| Cobalt bis(2-ethylhexanoate)<br>136-52-7<br>[COBALT AND COBALT COMPOUNDS, CLASSIFIED AS CARC. 1A, CARC. 1B (RESPIRABLE FRACTION) (AS CO)] |  |  | Acceptance concentration<br>(4 x 10 <sup>-4</sup> ): |  | TRGS 910 |
| Cobalt bis(2-ethylhexanoate)<br>136-52-7<br>[COBALT AND COBALT COMPOUNDS, CLASSIFIED AS CARC. 1A, CARC. 1B (RESPIRABLE FRACTION) (AS CO)] |  |  | Excursion factor:                                    | 8<br>Factor by which the average shift value (SMW) can be exceeded four times per shift during a maximum. period of 15 minutes each.           | TRGS 910 |
| Cobalt bis(2-ethylhexanoate)<br>136-52-7<br>[COBALT AND COBALT COMPOUNDS, CLASSIFIED AS CARC. 1A, CARC. 1B (RESPIRABLE FRACTION) (AS CO)] |  |  | Tolerance Concentration<br>(4 x 10 <sup>-3</sup> ):  |  | TRGS 910 |

**Predicted No-Effect Concentration (PNEC):**

| Name on list                             | Environmental Compartment          | Exposure period | Value          |     |                |        | Remarks                             |
|--|------------------------------------|-----------------|----------------|-----|----------------|--------|-------------------------------------|
|  |                                    |                 | mg/l           | ppm | mg/kg          | others |                                     |
| Xylene - mixture of isomers<br>1330-20-7 | aqua<br>(freshwater)               |                 | 0,327 mg/l     |     |                |        |                                     |
| Xylene - mixture of isomers<br>1330-20-7 | sediment<br>(freshwater)           |                 |                |     | 12,46<br>mg/kg |        |                                     |
| Xylene - mixture of isomers<br>1330-20-7 | Soil                               |                 |                |     | 2,31 mg/kg     |        |                                     |
| Xylene - mixture of isomers<br>1330-20-7 | aqua (marine<br>water)             |                 | 0,327 mg/l     |     |                |        |                                     |
| Xylene - mixture of isomers<br>1330-20-7 | aqua<br>(intermittent<br>releases) |                 | 0,327 mg/l     |     |                |        |                                     |
| Xylene - mixture of isomers<br>1330-20-7 | sewage<br>treatment plant<br>(STP) |                 | 6,58 mg/l      |     |                |        |                                     |
| Xylene - mixture of isomers<br>1330-20-7 | sediment<br>(marine water)         |                 |                |     | 12,46<br>mg/kg |        |                                     |
| Xylene - mixture of isomers<br>1330-20-7 | Predator                           |                 |                |     |                |        | no potential for<br>bioaccumulation |
| ethylbenzene<br>100-41-4                 | aqua<br>(freshwater)               |                 | 0,1 mg/l       |     |                |        |                                     |
| ethylbenzene<br>100-41-4                 | Freshwater -<br>intermittent       |                 | 0,1 mg/l       |     |                |        |                                     |
| ethylbenzene<br>100-41-4                 | aqua (marine<br>water)             |                 | 0,01 mg/l      |     |                |        |                                     |
| ethylbenzene<br>100-41-4                 | sewage<br>treatment plant<br>(STP) |                 | 9,6 mg/l       |     |                |        |                                     |
| ethylbenzene<br>100-41-4                 | sediment<br>(freshwater)           |                 |                |     | 13,7 mg/kg     |        |                                     |
| ethylbenzene<br>100-41-4                 | sediment<br>(marine water)         |                 |                |     | 1,37 mg/kg     |        |                                     |
| ethylbenzene<br>100-41-4                 | Soil                               |                 |                |     | 2,68 mg/kg     |        |                                     |
| ethylbenzene<br>100-41-4                 | oral                               |                 |                |     | 20 mg/kg       |        |                                     |
| 1-methoxy-2-propanol<br>107-98-2         | aqua<br>(freshwater)               |                 | 10 mg/l        |     |                |        |                                     |
| 1-methoxy-2-propanol<br>107-98-2         | aqua (marine<br>water)             |                 | 1 mg/l         |     |                |        |                                     |
| 1-methoxy-2-propanol<br>107-98-2         | aqua<br>(intermittent<br>releases) |                 | 100 mg/l       |     |                |        |                                     |
| 1-methoxy-2-propanol<br>107-98-2         | sediment<br>(freshwater)           |                 |                |     | 52,3 mg/kg     |        |                                     |
| 1-methoxy-2-propanol<br>107-98-2         | sediment<br>(marine water)         |                 |                |     | 5,2 mg/kg      |        |                                     |
| 1-methoxy-2-propanol<br>107-98-2         | Soil                               |                 |                |     | 4,59 mg/kg     |        |                                     |
| 1-methoxy-2-propanol<br>107-98-2         | sewage<br>treatment plant<br>(STP) |                 | 100 mg/l       |     |                |        |                                     |
| Cobalt bis(2-ethylhexanoate)<br>136-52-7 | aqua<br>(freshwater)               |                 | 0,0006<br>mg/l |     |                |        |                                     |
| Cobalt bis(2-ethylhexanoate)<br>136-52-7 | aqua (marine<br>water)             |                 | 2,36 µg/l      |     |                |        |                                     |
| Cobalt bis(2-ethylhexanoate)<br>136-52-7 | sediment<br>(freshwater)           |                 |                |     | 9,5 mg/kg      |        |                                     |
| Cobalt bis(2-ethylhexanoate)<br>136-52-7 | sediment<br>(marine water)         |                 |                |     | 9,5 mg/kg      |        |                                     |
| Cobalt bis(2-ethylhexanoate)<br>136-52-7 | Soil                               |                 |                |     | 10,9 mg/kg     |        |                                     |
| Cobalt bis(2-ethylhexanoate)<br>136-52-7 | sewage<br>treatment plant<br>(STP) |                 | 0,37 mg/l      |     |                |        |                                     |



**Derived No-Effect Level (DNEL):**

| Name on list                              | Application Area   | Route of Exposure | Health Effect                                | Exposure Time | Value       | Remarks                          |
|---|--------------------|-------------------|--|---------------|-------------|----------------------------------|
| Xylene - mixture of isomeres<br>1330-20-7 | Workers            | inhalation        | Long term exposure - systemic effects        |               | 221 mg/m3   | no potential for bioaccumulation |
| Xylene - mixture of isomeres<br>1330-20-7 | Workers            | inhalation        | Acute/short term exposure - systemic effects |               | 442 mg/m3   | no potential for bioaccumulation |
| Xylene - mixture of isomeres<br>1330-20-7 | Workers            | inhalation        | Long term exposure - local effects           |               | 221 mg/m3   | no potential for bioaccumulation |
| Xylene - mixture of isomeres<br>1330-20-7 | Workers            | inhalation        | Acute/short term exposure - local effects    |               | 442 mg/m3   | no potential for bioaccumulation |
| Xylene - mixture of isomeres<br>1330-20-7 | Workers            | dermal            | Long term exposure - systemic effects        |               | 212 mg/kg   | no potential for bioaccumulation |
| Xylene - mixture of isomeres<br>1330-20-7 | General population | inhalation        | Long term exposure - systemic effects        |               | 65,3 mg/m3  | no potential for bioaccumulation |
| Xylene - mixture of isomeres<br>1330-20-7 | General population | inhalation        | Acute/short term exposure - systemic effects |               | 260 mg/m3   | no potential for bioaccumulation |
| Xylene - mixture of isomeres<br>1330-20-7 | General population | inhalation        | Long term exposure - local effects           |               | 65,3 mg/m3  | no potential for bioaccumulation |
| Xylene - mixture of isomeres<br>1330-20-7 | General population | inhalation        | Acute/short term exposure - local effects    |               | 260 mg/m3   | no potential for bioaccumulation |
| Xylene - mixture of isomeres<br>1330-20-7 | General population | dermal            | Long term exposure - systemic effects        |               | 125 mg/kg   | no potential for bioaccumulation |
| Xylene - mixture of isomeres<br>1330-20-7 | General population | oral              | Long term exposure - systemic effects        |               | 12,5 mg/kg  | no potential for bioaccumulation |
| Titanium dioxide<br>13463-67-7            | Workers            | inhalation        | Long term exposure - local effects           |               | 0,17 mg/m3  |                                  |
| Titanium dioxide<br>13463-67-7            | General population | inhalation        | Long term exposure - local effects           |               | 0,028 mg/m3 |                                  |
| ethylbenzene<br>100-41-4                  | Workers            | inhalation        | Acute/short term exposure - local effects    |               | 293 mg/m3   |                                  |
| ethylbenzene<br>100-41-4                  | General population | inhalation        | Long term exposure - systemic effects        |               | 15 mg/m3    |                                  |
| ethylbenzene<br>100-41-4                  | General population | oral              | Long term exposure - systemic effects        |               | 1,6 mg/kg   |                                  |
| ethylbenzene<br>100-41-4                  | Workers            | dermal            | Long term exposure - systemic effects        |               | 180 mg/kg   |                                  |
| ethylbenzene<br>100-41-4                  | Workers            | inhalation        | Long term exposure - systemic effects        |               | 77 mg/m3    |                                  |
| 1-methoxy-2-propanol<br>107-98-2          | Workers            | Inhalation        | Acute/short term exposure - local effects    |               | 553,5 mg/m3 |                                  |
| 1-methoxy-2-propanol<br>107-98-2          | Workers            | dermal            | Long term exposure - systemic effects        |               | 183 mg/kg   |                                  |
| 1-methoxy-2-propanol<br>107-98-2          | Workers            | Inhalation        | Long term exposure - systemic effects        |               | 369 mg/m3   |                                  |
| 1-methoxy-2-propanol<br>107-98-2          | General population | dermal            | Long term exposure - systemic effects        |               | 78 mg/kg    |                                  |
| 1-methoxy-2-propanol<br>107-98-2          | General population | Inhalation        | Long term exposure - systemic effects        |               | 43,9 mg/m3  |                                  |
| 1-methoxy-2-propanol<br>107-98-2          | General population | oral              | Long term exposure -                         |               | 33 mg/kg    |                                  |

|  |                    |            |  |  |              |  |
|--|--------------------|------------|--|--|--------------|--|
|  |                    |            | systemic effects                             |  |              |  |
| 1-methoxy-2-propanol<br>107-98-2         | Workers            | inhalation | Acute/short term exposure - systemic effects |  | 553,5 mg/m3  |  |
| Cobalt bis(2-ethylhexanoate)<br>136-52-7 | Workers            | Inhalation | Long term exposure - local effects           |  | 0,2351 mg/m3 |  |
| Cobalt bis(2-ethylhexanoate)<br>136-52-7 | General population | Inhalation | Long term exposure - local effects           |  | 0,037 mg/m3  |  |
| Cobalt bis(2-ethylhexanoate)<br>136-52-7 | General population | oral       | Long term exposure - systemic effects        |  | 55,8 µg/kg   |  |

### Biological Exposure Indices:

| Ingredient [Regulated substance] | Parameters                              | Biological specimen | Sampling time                | Conc.      | Basis of biol. exposure index | Remark | Additional Information |
|----------------------------------|---|---------------------|------------------------------|------------|-------------------------------|--------|------------------------|
| Aluminium oxide<br>1344-28-1     | Aluminum                                | Urine               | Sampling time: End of shift. | 200 µg/l   | DE BAT                        |        |                        |
| Xylene<br>1330-20-7              | Methylhippuric acid (all isomers)       | Urine               | Sampling time: End of shift. | 2.000 mg/l | DE BGW                        |        |                        |
| Ethylbenzene<br>100-41-4         | Mandelic acid plus phenylglyoxylic acid | Creatinine in urine | Sampling time: End of shift. | 800 mg/g   | DE BAT                        |        |                        |
| Ethylbenzene<br>100-41-4         | ethylbenzene                            | Blood               | Sampling time: End of shift. | 1 mg/l     | DE BAT                        |        |                        |
| Ethylbenzene<br>100-41-4         | Mandelic acid plus phenylglyoxylic acid | Creatinine in urine | Sampling time: End of shift. | 250 mg/g   | DE BGW                        |        |                        |
| 1-Methoxypropan-2-ol<br>107-98-2 | 1-Methoxypropan-2-ol                    | Urine               | Sampling time: End of shift. | 15 mg/l    | DE BGW                        |        |                        |

### 8.2. Exposure controls:

#### Engineering controls:

Ensure good ventilation/extraction.

#### Respiratory protection:

Ensure adequate ventilation.

An approved mask or respirator fitted with an organic vapour cartridge should be worn if the product is used in a poorly ventilated area

Filter type: A (EN 14387)

#### Hand protection:

Chemical-resistant protective gloves (EN 374).

Suitable materials for short-term contact or splashes (recommended: at least protection index 2, corresponding to > 30 minutes permeation time as per EN 374):

nitrile rubber (NBR;  $\geq$  0.4 mm thickness)

Suitable materials for longer, direct contact (recommended: protection index 6, corresponding to > 480 minutes permeation time as per EN 374):

nitrile rubber (NBR;  $\geq$  0.4 mm thickness)

This information is based on literature references and on information provided by glove manufacturers, or is derived by analogy with similar substances. Please note that in practice the working life of chemical-resistant protective gloves may be considerably shorter than the permeation time determined in accordance with EN 374 as a result of the many influencing factors (e.g. temperature). If signs of wear and tear are noticed then the gloves should be replaced.

#### Eye protection:

Safety glasses with sideshields or chemical safety goggles should be worn if there is a risk of splashing.

Protective eye equipment should conform to EN166.

**Skin protection:**

Wear suitable protective clothing.

Protective clothing should conform to EN 14605 for liquid splashes or to EN 13982 for dusts.

**Advices to personal protection equipment:**

The information provided on personal protective equipment is for guidance purposes only. A full risk assessment should be conducted prior to using this product to determine the appropriate personal protective equipment to suit local conditions. Personal protective equipment should conform to the relevant EN standard.

## SECTION 9: Physical and chemical properties

**9.1. Information on basic physical and chemical properties**

|  |   |
|--|---|
| Delivery form                          | liquid  |
| Colour                                 | Yellow  |
| Odor                                   | mild  |
| Physical state                         | liquid  |
| Melting point                          | Not applicable, Product is a liquid   |
| Initial boiling point                  | 116 °C (240.8 °F)   |
| Flammability                           | Currently under determination   |
| Explosive limits                       | Currently under determination   |
| Flash point                            | 27 °C (80.6 °F); Setaflash Closed Cup   |
| Auto-ignition temperature              | Currently under determination   |
| Decomposition temperature              | Not applicable, Substance/mixture is not self-reactive, no organic peroxide and does not decompose under foreseen conditions of use |
| pH                                     | Not applicable, Product is non-soluble (in water).  |
| Viscosity (kinematic)                  | Currently under determination   |
| Solubility (qualitative)               | Insoluble   |
| (20 °C (68 °F); Solvent: Water)        |   |
| Partition coefficient: n-octanol/water | Not applicable  |
|  | Mixture   |
| Vapour pressure                        | Currently under determination   |
| Density                                | 1,37 - 1,45 g/cm <sup>3</sup> LCT CERT; Certificate of analysis   |
| ()                                     |   |
| Relative vapour density:               | 3,7   |
| (20 °C)                                |   |
| Particle characteristics               | Not applicable  |
|  | Product is a liquid   |

**9.2. Other information**

Other information not applicable for this product

## SECTION 10: Stability and reactivity

**10.1. Reactivity**

Strong oxidizing agents.

Reducing agents.

**10.2. Chemical stability**

Stable under recommended storage conditions.

**10.3. Possibility of hazardous reactions**

See section reactivity

**10.4. Conditions to avoid**

Stable under normal conditions of storage and use.

Heat, flames, sparks and other sources of ignition.

**10.5. Incompatible materials**

See section reactivity.

**10.6. Hazardous decomposition products**

carbon oxides.

Hydrocarbons

## SECTION 11: Toxicological information

### General toxicological information:

Methylethyl ketoxime released during polymerisation of oxime curing RTV silicones is irritating to the respiratory system  
Methylethyl ketoxime released during polymerisation of oxime curing silicones. It is harmful in contact with skin and is a skin sensitizer.

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

#### Acute oral toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances<br>CAS-No.                             | Value<br>type                          | Value         | Species | Method   |
|---|--|---------------|---------|--|
| Quartz (SiO <sub>2</sub> ), <1%<br>respirable<br>14808-60-7 | LD50                                   | > 5.050 mg/kg | rat     | not specified  |
| p-Chloro-a,a,a-<br>trifluorotoluene<br>98-56-6              | LD50                                   | 5.546 mg/kg   | rat     | not specified  |
| Xylene - mixture of<br>isomeres<br>1330-20-7                | LD50                                   | 3.523 mg/kg   | rat     | EU Method B.1 (Acute Toxicity (Oral))                              |
| Xylene - mixture of<br>isomeres<br>1330-20-7                | Acute<br>toxicity<br>estimate<br>(ATE) | 3.523 mg/kg   |         | Expert judgement   |
| Titanium dioxide<br>13463-67-7                              | LD50                                   | > 5.000 mg/kg | rat     | OECD Guideline 425 (Acute Oral Toxicity: Up-and-Down<br>Procedure) |
| ethylbenzene<br>100-41-4                                    | LD50                                   | 3.500 mg/kg   | rat     | not specified  |
| ethylbenzene<br>100-41-4                                    | Acute<br>toxicity<br>estimate<br>(ATE) | 3.500 mg/kg   |         | Expert judgement   |
| 1-methoxy-2-propanol<br>107-98-2                            | LD50                                   | 3.739 mg/kg   | rat     | EU Method B.1 (Acute Toxicity (Oral))                              |
| Hexanoic acid, 2-ethyl-,<br>cobalt(2+) salt<br>136-52-7     | LD50                                   | 3.129 mg/kg   | rat     | OECD Guideline 425 (Acute Oral Toxicity: Up-and-Down<br>Procedure) |

#### Acute dermal toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances<br>CAS-No.                             | Value<br>type                          | Value          | Species       | Method                                  |
|---|--|----------------|---------------|---|
| Quartz (SiO <sub>2</sub> ), <1%<br>respirable<br>14808-60-7 | LD50                                   | > 2.000 mg/kg  | not specified | not specified                           |
| p-Chloro-a,a,a-<br>trifluorotoluene<br>98-56-6              | LD50                                   | > 3.300 mg/kg  | rabbit        | not specified                           |
| Xylene - mixture of<br>isomeres<br>1330-20-7                | LD50                                   | 1.700 mg/kg    | rabbit        | not specified                           |
| Xylene - mixture of<br>isomeres<br>1330-20-7                | Acute<br>toxicity<br>estimate<br>(ATE) | 1.700 mg/kg    |               | Expert judgement                        |
| Titanium dioxide<br>13463-67-7                              | LD50                                   | > 10.000 mg/kg | rabbit        | not specified                           |
| ethylbenzene<br>100-41-4                                    | LD50                                   | 15.433 mg/kg   | rabbit        | not specified                           |
| ethylbenzene<br>100-41-4                                    | Acute<br>toxicity<br>estimate<br>(ATE) | 15.433 mg/kg   |               | Expert judgement                        |
| 1-methoxy-2-propanol<br>107-98-2                            | LD50                                   | > 2.000 mg/kg  | rat           | EU Method B.3 (Acute Toxicity (Dermal)) |

**Acute inhalative toxicity:**

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances<br>CAS-No.            | Value<br>type                 | Value        | Test atmosphere | Exposure<br>time | Species | Method   |
|--|-------------------------------|--------------|-----------------|------------------|---------|--|
| p-Chloro-a,a,a-trifluorotoluene<br>98-56-6 | LC50                          | > 32,03 mg/l | dust/mist       | 4 h              | rat     | OECD Guideline 403 (Acute Inhalation Toxicity) |
| Xylene - mixture of isomeres<br>1330-20-7  | LC50                          | 11 mg/l      | vapour          | 4 h              | rat     | not specified                                  |
| Xylene - mixture of isomeres<br>1330-20-7  | Acute toxicity estimate (ATE) | 11 mg/l      | vapour          |                  |         | Expert judgement                               |
| Titanium dioxide<br>13463-67-7             | LC50                          | > 6,82 mg/l  | dust            | 4 h              | rat     | not specified                                  |
| ethylbenzene<br>100-41-4                   | LC50                          | 17,4 mg/l    | vapour          | 4 h              | rat     | not specified                                  |
| ethylbenzene<br>100-41-4                   | Acute toxicity estimate (ATE) | 17,4 mg/l    | vapour          |                  |         | Expert judgement                               |
| 1-methoxy-2-propanol<br>107-98-2           | LC50                          | 55 mg/l      | vapour          | 4 h              | rat     | not specified                                  |

**Skin corrosion/irritation:**

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances<br>CAS-No.                      | Result                | Exposure<br>time | Species  | Method   |
|--|-----------------------|------------------|----------|--|
| p-Chloro-a,a,a-trifluorotoluene<br>98-56-6           | not irritating        | 24 h             | rabbit   | Patch Test   |
| Xylene - mixture of isomeres<br>1330-20-7            | moderately irritating |                  | rabbit   | not specified  |
| Titanium dioxide<br>13463-67-7                       | not irritating        | 4 h              | rabbit   | OECD Guideline 404 (Acute Dermal Irritation / Corrosion)                                       |
| ethylbenzene<br>100-41-4                             | not irritating        |                  | rabbit   | Expert judgement   |
| 1-methoxy-2-propanol<br>107-98-2                     | not irritating        | 4 h              | rabbit   | EU Method B.4 (Acute Toxicity: Dermal Irritation / Corrosion)                                  |
| Hexanoic acid, 2-ethyl-, cobalt(2+) salt<br>136-52-7 | not irritating        |                  | In vitro | OECD Guideline 439 (In Vitro Skin Irritation: Reconstructed Human Epidermis (RHE) Test Method) |

**Serious eye damage/irritation:**

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances<br>CAS-No.                      | Result                           | Exposure<br>time | Species | Method   |
|--|----------------------------------|------------------|---------|--|
| p-Chloro-a,a,a-trifluorotoluene<br>98-56-6           | not irritating                   |                  | rabbit  | OECD Guideline 405 (Acute Eye Irritation / Corrosion)      |
| Xylene - mixture of isomeres<br>1330-20-7            | slightly irritating              |                  | rabbit  | OECD Guideline 405 (Acute Eye Irritation / Corrosion)      |
| Titanium dioxide<br>13463-67-7                       | not irritating                   |                  | rabbit  | OECD Guideline 405 (Acute Eye Irritation / Corrosion)      |
| ethylbenzene<br>100-41-4                             | slightly irritating              |                  | rabbit  | not specified  |
| 1-methoxy-2-propanol<br>107-98-2                     | not irritating                   |                  | rabbit  | EU Method B.5 (Acute Toxicity: Eye Irritation / Corrosion) |
| Hexanoic acid, 2-ethyl-, cobalt(2+) salt<br>136-52-7 | Category 2A (irritating to eyes) |                  | rabbit  | OECD Guideline 405 (Acute Eye Irritation / Corrosion)      |

**Respiratory or skin sensitization:**

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

| <b>Hazardous substances<br/>CAS-No.</b>              | <b>Result</b>   | <b>Test type</b>                   | <b>Species</b> | <b>Method</b>  |
|--|-----------------|------------------------------------|----------------|--|
| p-Chloro-a,a,a-trifluorotoluene<br>98-56-6           | sensitising     | Mouse local lymphnode assay (LLNA) | mouse          | OECD Guideline 429 (Skin Sensitisation: Local Lymph Node Assay)                          |
| Xylene - mixture of isomeres<br>1330-20-7            | not sensitising | Mouse local lymphnode assay (LLNA) | mouse          | OECD Guideline 429 (Skin Sensitisation: Local Lymph Node Assay)                          |
| Titanium dioxide<br>13463-67-7                       | not sensitising | Mouse local lymphnode assay (LLNA) | mouse          | equivalent or similar to OECD Guideline 429 (Skin Sensitisation: Local Lymph Node Assay) |
| Titanium dioxide<br>13463-67-7                       | not sensitising | Buehler test                       | guinea pig     | OECD Guideline 406 (Skin Sensitisation)  |
| 1-methoxy-2-propanol<br>107-98-2                     | not sensitising | Guinea pig maximisation test       | guinea pig     | EU Method B.6 (Skin Sensitisation)   |
| Hexanoic acid, 2-ethyl-, cobalt(2+) salt<br>136-52-7 | sensitising     |                                    | guinea pig     | OECD Guideline 406 (Skin Sensitisation)  |

**Germ cell mutagenicity:**

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

| Hazardous substances<br>CAS-No.            | Result   | Type of study /<br>Route of<br>administration      | Metabolic<br>activation /<br>Exposure time | Species | Method  |
|--|----------|--|--|---------|---|
| p-Chloro-a,a,a-trifluorotoluene<br>98-56-6 | negative | bacterial reverse mutation assay (e.g Ames test)   | with and without                           |         | OECD Guideline 471 (Bacterial Reverse Mutation Assay)                                       |
| p-Chloro-a,a,a-trifluorotoluene<br>98-56-6 | negative | in vitro mammalian chromosome aberration test      | with and without                           |         |   |
| p-Chloro-a,a,a-trifluorotoluene<br>98-56-6 | negative | in vitro mammalian cell transformation assay       | with and without                           |         |   |
| Xylene - mixture of isomeres<br>1330-20-7  | negative | bacterial reverse mutation assay (e.g Ames test)   | with and without                           |         | OECD Guideline 471 (Bacterial Reverse Mutation Assay)                                       |
| Xylene - mixture of isomeres<br>1330-20-7  | negative | in vitro mammalian chromosome aberration test      | with and without                           |         | EU Method B.10 (Mutagenicity)   |
| Xylene - mixture of isomeres<br>1330-20-7  | negative | sister chromatid exchange assay in mammalian cells | with and without                           |         | EU Method B.19 (Sister Chromatid Exchange Assay In Vitro)                                   |
| Titanium dioxide<br>13463-67-7             | negative | bacterial reverse mutation assay (e.g Ames test)   | with and without                           |         | OECD Guideline 471 (Bacterial Reverse Mutation Assay)                                       |
| Titanium dioxide<br>13463-67-7             | negative | in vitro mammalian chromosome aberration test      | with and without                           |         | OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)                          |
| Titanium dioxide<br>13463-67-7             | negative | mammalian cell gene mutation assay                 | with and without                           |         | OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)                             |
| Titanium dioxide<br>13463-67-7             | negative | in vitro mammalian cell micronucleus test          | without                                    |         | equivalent or similar to OECD Guideline 487 (In vitro Mammalian Cell Micronucleus Test)     |
| ethylbenzene<br>100-41-4                   | negative | bacterial reverse mutation assay (e.g Ames test)   | with and without                           |         | equivalent or similar to OECD Guideline 471 (Bacterial Reverse Mutation Assay)              |
| ethylbenzene<br>100-41-4                   | negative | in vitro mammalian chromosome aberration test      | with and without                           |         | equivalent or similar to OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test) |
| ethylbenzene<br>100-41-4                   | negative | mammalian cell gene mutation assay                 | with and without                           |         | OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)                             |
| ethylbenzene<br>100-41-4                   | negative | sister chromatid exchange assay in mammalian cells | with and without                           |         | not specified   |
| 1-methoxy-2-propanol<br>107-98-2           | negative | bacterial reverse mutation assay (e.g Ames test)   | with and without                           |         | OECD Guideline 471 (Bacterial Reverse Mutation Assay)                                       |
| 1-methoxy-2-propanol<br>107-98-2           | negative | in vitro mammalian chromosome aberration test      | with and without                           |         | OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)                          |
| 1-methoxy-2-propanol<br>107-98-2           | negative | mammalian cell gene mutation assay                 | without                                    |         | OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)                             |

**Carcinogenicity**

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

| Hazardous components<br>CAS-No.              | Result           | Route of<br>application | Exposure<br>time /<br>Frequency<br>of treatment | Species | Sex         | Method   |
|--|------------------|-------------------------|---|---------|-------------|--|
| Xylene - mixture of<br>isomeres<br>1330-20-7 | not carcinogenic | oral: gavage            | 103 w<br>5 d/w                                  | rat     | male/female | EU Method B.32<br>(Carcinogenicity Test)   |
| Titanium dioxide<br>13463-67-7               | not carcinogenic | oral: feed              | 103 w<br>daily                                  | rat     | male/female | not specified  |
| 1-methoxy-2-propanol<br>107-98-2             | not carcinogenic | inhalation:<br>vapour   | 2 y<br>6 hr/day, 5<br>days/wk                   | rat     | male/female | OECD Guideline 453<br>(Combined Chronic<br>Toxicity /<br>Carcinogenicity<br>Studies) |

**Reproductive toxicity:**

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

| Hazardous substances<br>CAS-No.                | Result / Value  | Test type                   | Route of<br>application | Species | Method   |
|--|---|-----------------------------|-------------------------|---------|--|
| p-Chloro-a,a,a-<br>trifluorotoluene<br>98-56-6 | NOAEL F1 45 mg/kg   | One<br>generation<br>study  | oral: gavage            | rat     | OECD Guideline 415 (One-<br>Generation Reproduction<br>Toxicity Study)                             |
| Titanium dioxide<br>13463-67-7                 | NOAEL P >= 1.000 mg/kg<br>NOAEL F1 >= 1.000 mg/kg         | one-<br>generation<br>study | oral: feed              | rat     | OECD Guideline 443<br>(Extended One-Generation<br>Reproductive Toxicity<br>Study)                  |
| ethylbenzene<br>100-41-4                       | NOAEL P 1000 ppm<br>NOAEL F1 100 ppm                      | One<br>generation<br>study  | oral: gavage            | rat     | equivalent or similar to<br>OECD Guideline 415 (One-<br>Generation Reproduction<br>Toxicity Study) |
| ethylbenzene<br>100-41-4                       | NOAEL P 500 ppm<br>NOAEL F1 500 ppm<br>NOAEL F2 500 ppm   | Two<br>generation<br>study  | inhalation              | rat     | OECD Guideline 416 (Two-<br>Generation Reproduction<br>Toxicity Study)                             |
| 1-methoxy-2-propanol<br>107-98-2               | NOAEL P 300 ppm<br>NOAEL F1 1000 ppm<br>NOAEL F2 1000 ppm | Two<br>generation<br>study  | inhalation:<br>vapour   | rat     | OECD Guideline 416 (Two-<br>Generation Reproduction<br>Toxicity Study)                             |

**STOT-single exposure:**

No data available.



**STOT-repeated exposure:**

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

| Hazardous substances<br>CAS-No.                | Result / Value      | Route of<br>application | Exposure time /<br>Frequency of<br>treatment | Species | Method   |
|--|---------------------|-------------------------|--|---------|--|
| p-Chloro-a,a,a-<br>trifluorotoluene<br>98-56-6 | NOAEL 40 mg/kg      | oral: gavage            | 3 m<br>daily                                 | rat     | not specified  |
| p-Chloro-a,a,a-<br>trifluorotoluene<br>98-56-6 | NOAEL >= 5.5 mg/m3  | inhalation              | 4 m<br>24 h/d                                | rat     | not specified  |
| Xylene - mixture of<br>isomers<br>1330-20-7    | NOAEL 150 mg/kg     | oral: gavage            | 90 d<br>daily                                | rat     | OECD Guideline 408<br>(Repeated Dose 90-Day<br>Oral Toxicity in Rodents) |
| Titanium dioxide<br>13463-67-7                 | NOAEL > 1.000 mg/kg | oral: gavage            | 92 d<br>daily                                | rat     | OECD Guideline 408<br>(Repeated Dose 90-Day<br>Oral Toxicity in Rodents) |
| ethylbenzene<br>100-41-4                       | NOAEL 75 mg/kg      | oral: gavage            | 28 d<br>daily                                | rat     | OECD Guideline 407<br>(Repeated Dose 28-Day<br>Oral Toxicity in Rodents) |
| 1-methoxy-2-propanol<br>107-98-2               | NOAEL 1000 ppm      | inhalation              | 13 weeks<br>6 hours/day; 5<br>days/week      | rat     | OECD Guideline 413<br>(Subchronic Inhalation<br>Toxicity: 90-Day)        |
| 1-methoxy-2-propanol<br>107-98-2               | NOAEL 919 mg/kg     | oral: gavage            | 35 d<br>5 d/w                                | rat     | OECD Guideline 407<br>(Repeated Dose 28-Day<br>Oral Toxicity in Rodents) |

**Aspiration hazard:**

The mixture is classified based on Viscosity data.

| Hazardous substances<br>CAS-No. | Viscosity (kinematic)<br>Value | Temperature | Method                  | Remarks |
|---------------------------------|--------------------------------|-------------|-------------------------|---------|
| ethylbenzene<br>100-41-4        | 0,641 mm2/s                    | 40 °C       | OECD Test Guideline 114 |         |

**11.2 Information on other hazards**

not applicable

## SECTION 12: Ecological information

### General ecological information:

Do not empty into drains / surface water / ground water.

### 12.1. Toxicity

#### Toxicity (Fish):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances<br>CAS-No.                          | Value<br>type | Value                          | Exposure time | Species             | Method  |
|--|---------------|--------------------------------|---------------|---------------------|---|
| Quartz (SiO <sub>2</sub> ), <1% respirable<br>14808-60-7 | LC50          | > 1.000 mg/l                   | 96 h          | not specified       | OECD Guideline 203 (Fish,<br>Acute Toxicity Test)           |
| p-Chloro-a,a,a-trifluorotoluene<br>98-56-6               | NOEC          | 0,54 mg/l                      |               | Pimephales promelas | OECD Guideline 210 (fish<br>early lite stage toxicity test) |
| p-Chloro-a,a,a-trifluorotoluene<br>98-56-6               | LC50          | 3 mg/l                         | 96 h          | Danio rerio         | OECD Guideline 203 (Fish,<br>Acute Toxicity Test)           |
| Xylene - mixture of isomeres<br>1330-20-7                | LC50          | 2,6 mg/l                       | 96 h          | Oncorhynchus mykiss | OECD Guideline 203 (Fish,<br>Acute Toxicity Test)           |
| Xylene - mixture of isomeres<br>1330-20-7                | NOEC          | > 1,3 mg/l                     | 56 d          | Oncorhynchus mykiss | other guideline:  |
| Titanium dioxide<br>13463-67-7                           | LC50          | Toxicity > Water<br>solubility | 48 h          | Leuciscus idus      | OECD Guideline 203 (Fish,<br>Acute Toxicity Test)           |
| ethylbenzene<br>100-41-4                                 | LC50          | 4,2 mg/l                       | 96 h          | Oncorhynchus mykiss | OECD Guideline 203 (Fish,<br>Acute Toxicity Test)           |
| 1-methoxy-2-propanol<br>107-98-2                         | LC50          | 20.800 mg/l                    | 96 h          | Pimephales promelas | OECD Guideline 203 (Fish,<br>Acute Toxicity Test)           |

#### Toxicity (Daphnia):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances<br>CAS-No.                          | Value<br>type | Value                          | Exposure time | Species       | Method   |
|--|---------------|--------------------------------|---------------|---------------|--|
| Quartz (SiO <sub>2</sub> ), <1% respirable<br>14808-60-7 | EC50          | > 1.000 mg/l                   | 48 h          | Daphnia magna | OECD Guideline 202<br>(Daphnia sp. Acute<br>Immobilisation Test) |
| p-Chloro-a,a,a-trifluorotoluene<br>98-56-6               | EC50          | 2 mg/l                         | 48 h          | Daphnia magna | OECD Guideline 202<br>(Daphnia sp. Acute<br>Immobilisation Test) |
| Xylene - mixture of isomeres<br>1330-20-7                | EC50          | 3,1 mg/l                       | 48 h          | Daphnia magna | OECD Guideline 202<br>(Daphnia sp. Acute<br>Immobilisation Test) |
| Titanium dioxide<br>13463-67-7                           | EC50          | Toxicity > Water<br>solubility | 48 h          | Daphnia magna | OECD Guideline 202<br>(Daphnia sp. Acute<br>Immobilisation Test) |
| ethylbenzene<br>100-41-4                                 | EC50          | > 1,8 - 2,4 mg/l               | 48 h          | Daphnia magna | OECD Guideline 202<br>(Daphnia sp. Acute<br>Immobilisation Test) |
| 1-methoxy-2-propanol<br>107-98-2                         | EC50          | 23.300 mg/l                    | 48 h          | Daphnia magna | OECD Guideline 202<br>(Daphnia sp. Acute<br>Immobilisation Test) |

#### Chronic toxicity to aquatic invertebrates

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances<br>CAS-No.           | Value<br>type | Value                          | Exposure time | Species            | Method   |
|---|---------------|--------------------------------|---------------|--------------------|--|
| Xylene - mixture of isomeres<br>1330-20-7 | NOEC          | 0,96 mg/l                      | 7 d           | Ceriodaphnia dubia | other guideline:   |
| Titanium dioxide<br>13463-67-7            | NOEC          | Toxicity > Water<br>solubility | 21 d          | Daphnia magna      | OECD Guideline 202<br>(Daphnia sp. Chronic<br>Immobilisation Test) |
| ethylbenzene<br>100-41-4                  | NOEC          | 0,96 mg/l                      | 7 d           | Ceriodaphnia dubia | OECD 211 (Daphnia<br>magna, Reproduction Test)                     |

#### Toxicity (Algae):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances<br>CAS-No.                          | Value<br>type | Value                          | Exposure time | Species   | Method   |
|--|---------------|--------------------------------|---------------|---|--|
| Quartz (SiO <sub>2</sub> ), <1% respirable<br>14808-60-7 | EC50          | > 1.000 mg/l                   | 72 h          | not specified   | OECD Guideline 201 (Alga,<br>Growth Inhibition Test) |
| p-Chloro-a,a,a-trifluorotoluene<br>98-56-6               | NOEC          | 0,41 mg/l                      | 72 h          | Pseudokirchneriella subcapitata   | OECD Guideline 201 (Alga,<br>Growth Inhibition Test) |
| Xylene - mixture of isomers<br>1330-20-7                 | EC50          | 4,36 mg/l                      | 73 h          | Pseudokirchneriella subcapitata   | OECD Guideline 201 (Alga,<br>Growth Inhibition Test) |
| Xylene - mixture of isomers<br>1330-20-7                 | EC10          | 1,9 mg/l                       | 73 h          | Pseudokirchneriella subcapitata   | OECD Guideline 201 (Alga,<br>Growth Inhibition Test) |
| Titanium dioxide<br>13463-67-7                           | EC50          | Toxicity > Water<br>solubility | 72 h          | Pseudokirchneriella subcapitata   | OECD Guideline 201 (Alga,<br>Growth Inhibition Test) |
| Titanium dioxide<br>13463-67-7                           | NOEC          | Toxicity > Water<br>solubility | 72 h          | Pseudokirchneriella subcapitata   | OECD Guideline 201 (Alga,<br>Growth Inhibition Test) |
| ethylbenzene<br>100-41-4                                 | EC50          | 7,7 mg/l                       | 96 h          | Skeletonema costatum  | OECD Guideline 201 (Alga,<br>Growth Inhibition Test) |
| ethylbenzene<br>100-41-4                                 | NOEC          | 4,5 mg/l                       | 96 h          | Skeletonema costatum  | OECD Guideline 201 (Alga,<br>Growth Inhibition Test) |
| 1-methoxy-2-propanol<br>107-98-2                         | EC50          | > 1.000 mg/l                   | 7 d           | Selenastrum capricornutum<br>(new name: Pseudokirchneriella<br>subcapitata) | OECD Guideline 201 (Alga,<br>Growth Inhibition Test) |
| Hexanoic acid, 2-ethyl-,<br>cobalt(2+) salt<br>136-52-7  | NOEC          | 0,1506 mg/l                    | 72 h          | Pseudokirchneriella subcapitata   | OECD Guideline 201 (Alga,<br>Growth Inhibition Test) |
| Hexanoic acid, 2-ethyl-,<br>cobalt(2+) salt<br>136-52-7  | EC50          | 0,6542 mg/l                    | 72 h          | Pseudokirchneriella subcapitata   | OECD Guideline 201 (Alga,<br>Growth Inhibition Test) |

#### Toxicity to microorganisms

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances<br>CAS-No.                          | Value<br>type | Value                          | Exposure time | Species                    | Method   |
|--|---------------|--------------------------------|---------------|----------------------------|--|
| Quartz (SiO <sub>2</sub> ), <1% respirable<br>14808-60-7 | EC0           | > 1.000 mg/l                   | 3 h           | not specified              | OECD Guideline 209<br>(Activated Sludge,<br>Respiration Inhibition Test) |
| p-Chloro-a,a,a-trifluorotoluene<br>98-56-6               | EC50          | 103,6 mg/l                     | 3 h           | activated sludge, domestic | OECD Guideline 209<br>(Activated Sludge,<br>Respiration Inhibition Test) |
| Titanium dioxide<br>13463-67-7                           | EC0           | Toxicity > Water<br>solubility | 24 h          | Pseudomonas fluorescens    | DIN 38412, part 8<br>(Pseudomonas<br>Zellvermehrungshemm-<br>Test)       |
| ethylbenzene<br>100-41-4                                 | EC50          | > 152 mg/l                     | 30 min        | not specified              | OECD Guideline 209<br>(Activated Sludge,<br>Respiration Inhibition Test) |
| 1-methoxy-2-propanol<br>107-98-2                         | EC0           | > 1.000 mg/l                   | 30 min        |                            | OECD Guideline 209<br>(Activated Sludge,<br>Respiration Inhibition Test) |

#### 12.2. Persistence and degradability

| Hazardous substances<br>CAS-No.                         | Result                | Test type | Degradability | Exposure<br>time | Method  |
|---|-----------------------|-----------|---------------|------------------|---|
| p-Chloro-a,a,a-trifluorotoluene<br>98-56-6              |                       | aerobic   | 19,2 %        | 28 d             | OECD Guideline 301 D (Ready<br>Biodegradability: Closed Bottle<br>Test)             |
| Xylene - mixture of isomers<br>1330-20-7                | readily biodegradable | aerobic   | 90 %          | 28 d             | OECD Guideline 301 F (Ready<br>Biodegradability: Manometric<br>Respirometry Test)   |
| ethylbenzene<br>100-41-4                                | readily biodegradable | aerobic   | 69 %          | 33 d             | OECD Guideline 301 C (Ready<br>Biodegradability: Modified MITI<br>Test (I))         |
| 1-methoxy-2-propanol<br>107-98-2                        | readily biodegradable | aerobic   | 90 %          | 29 d             | OECD Guideline 301 E (Ready<br>biodegradability: Modified OECD<br>Screening Test)   |
| Hexanoic acid, 2-ethyl-,<br>cobalt(2+) salt<br>136-52-7 | readily biodegradable | aerobic   | 60 %          | 10 d             | OECD Guideline 301 B (Ready<br>Biodegradability: CO <sub>2</sub> Evolution<br>Test) |

**12.3. Bioaccumulative potential**

| Hazardous substances<br>CAS-No.          | Bioconcentration factor (BCF) | Exposure time | Temperature | Species                 | Method  |
|--|-------------------------------|---------------|-------------|-------------------------|---|
| Xylene - mixture of isomers<br>1330-20-7 | 25,9                          | 56 d          |             | Oncorhynchus<br>mykiss  | not specified   |
| ethylbenzene<br>100-41-4                 | 1                             | 42 d          | 10 °C       | Oncorhynchus<br>kisutch | OECD Guideline 305<br>(Bioconcentration: Flow-through<br>Fish Test) |

**12.4. Mobility in soil**

| Hazardous substances<br>CAS-No.                         | LogPow | Temperature | Method  |
|---|--------|-------------|---|
| p-Chloro-a,a,a-trifluorotoluene<br>98-56-6              | 3,7    | 25 °C       | OECD Guideline 107 (Partition Coefficient (n-octanol / water), Shake<br>Flask Method) |
| Xylene - mixture of isomers<br>1330-20-7                | 3,16   | 20 °C       | not specified   |
| ethylbenzene<br>100-41-4                                | 3,6    | 20 °C       | EU Method A.8 (Partition Coefficient)   |
| 1-methoxy-2-propanol<br>107-98-2                        | -0,49  |             | not specified   |
| Hexanoic acid, 2-ethyl-,<br>cobalt(2+) salt<br>136-52-7 | 4,68   |             | not specified   |

**12.5. Results of PBT and vPvB assessment**

| Hazardous substances<br>CAS-No.                          | PBT / vPvB   |
|--|--|
| Quartz (SiO <sub>2</sub> ), <1% respirable<br>14808-60-7 | According to Annex XIII of regulation (EC) 1907/2006 a PBT and vPvB assessment shall not<br>be conducted for inorganic substances. |
| Xylene - mixture of isomers<br>1330-20-7                 | Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very<br>Bioaccumulative (vPvB) criteria.           |
| Titanium dioxide<br>13463-67-7                           | According to Annex XIII of regulation (EC) 1907/2006 a PBT and vPvB assessment shall not<br>be conducted for inorganic substances. |
| ethylbenzene<br>100-41-4                                 | Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very<br>Bioaccumulative (vPvB) criteria.           |
| 1-methoxy-2-propanol<br>107-98-2                         | Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very<br>Bioaccumulative (vPvB) criteria.           |
| Hexanoic acid, 2-ethyl-, cobalt(2+) salt<br>136-52-7     | Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very<br>Bioaccumulative (vPvB) criteria.           |

**12.6. Endocrine disrupting properties**

not applicable

**12.7. Other adverse effects**

No data available.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods**

Product disposal:

Dispose of in accordance with local and national regulations.

Do not empty into drains / surface water / ground water.

Disposal of uncleaned packages:

After use, tubes, cartons and bottles containing residual product should be disposed of as chemically contaminated waste in an authorised legal land fill site or incinerated.

Waste code

08 04 09\* waste adhesives and sealants containing organic solvents and other dangerous substances

The valid EWC waste code numbers are source-related. The manufacturer is therefore unable to specify EWC waste codes for the articles or products used in the various sectors. The EWC codes listed are intended as a recommendation for users. We will be happy to advise you.

## SECTION 14: Transport information

### 14.1. UN number or ID number

|      |      |
|------|------|
| ADR  | 1263 |
| RID  | 1263 |
| ADN  | 1263 |
| IMDG | 1263 |
| IATA | 1263 |

### 14.2. UN proper shipping name

|      |       |
|------|-------|
| ADR  | PAINT |
| RID  | PAINT |
| ADN  | PAINT |
| IMDG | PAINT |
| IATA | Paint |

### 14.3. Transport hazard class(es)

|      |   |
|------|---|
| ADR  | 3 |
| RID  | 3 |
| ADN  | 3 |
| IMDG | 3 |
| IATA | 3 |

### 14.4. Packing group

|      |     |
|------|-----|
| ADR  | III |
| RID  | III |
| ADN  | III |
| IMDG | III |
| IATA | III |

### 14.5. Environmental hazards

|      |                |
|------|----------------|
| ADR  | not applicable |
| RID  | not applicable |
| ADN  | not applicable |
| IMDG | not applicable |
| IATA | not applicable |

### 14.6. Special precautions for user

|      |                                     |
|------|-------------------------------------|
| ADR  | not applicable<br>Tunnelcode: (D/E) |
| RID  | not applicable                      |
| ADN  | not applicable                      |
| IMDG | not applicable                      |
| IATA | not applicable                      |

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

not applicable

## SECTION 15: Regulatory information

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

|   |                |
|---|----------------|
| Ozone Depleting Substance (ODS) (Regulation (EC) No 1005/2009): | Not applicable |
| Prior Informed Consent (PIC) (Regulation (EU) No 649/2012):     | Not applicable |
| Persistent organic pollutants (Regulation (EU) 2019/1021):      | Not applicable |
| VOC content<br>(2010/75/EC)                                     | 10,5 %         |

**15.2. Chemical safety assessment**

A chemical safety assessment has not been carried out.

**National regulations/information (Germany):**

|                                      |   |
|--------------------------------------|---|
| WGK:                                 | WGK 2: significantly water endangering (Ordinance on facilities for handling substances that are hazardous to water (AwSV) )<br>Classification according to AwSV, Annex 1 (5.2) |
| Storage class according to TRGS 510: | 3   |
| General remarks (DE):                | This product is in scope of the German regulation<br>"Chemikalien Verbots Verordnung"   |

## SECTION 16: Other information

The labelling of the product is indicated in Section 2. The full text of all abbreviations indicated by codes in this safety data sheet are as follows:

H225 Highly flammable liquid and vapour.  
 H226 Flammable liquid and vapour.  
 H304 May be fatal if swallowed and enters airways.  
 H312 Harmful in contact with skin.  
 H315 Causes skin irritation.  
 H317 May cause an allergic skin reaction.  
 H319 Causes serious eye irritation.  
 H332 Harmful if inhaled.  
 H335 May cause respiratory irritation.  
 H336 May cause drowsiness or dizziness.  
 H350 May cause cancer.  
 H351 Suspected of causing cancer.  
 H360D May damage the unborn child.  
 H373 May cause damage to organs through prolonged or repeated exposure.  
 H400 Very toxic to aquatic life.  
 H411 Toxic to aquatic life with long lasting effects.  
 H412 Harmful to aquatic life with long lasting effects.

|             |   |
|-------------|---|
| ED:         | Substance identified as having endocrine disrupting properties  |
| EU OEL:     | Substance with a Union workplace exposure limit   |
| EU EXPLD 1: | Substance listed in Annex I, Reg (EC) No. 2019/1148   |
| EU EXPLD 2  | Substance listed in Annex II, Reg (EC) No. 2019/1148  |
| SVHC:       | Substance of very high concern (REACH Candidate List)   |
| PBT:        | Substance fulfilling persistent, bioaccumulative and toxic criteria   |
| PBT/vPvB:   | Substance fulfilling persistent, bioaccumulative and toxic plus very persistent and very bioaccumulative criteria |
| vPvB:       | Substance fulfilling very persistent and very bioaccumulative criteria  |

### Further information:

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