# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

DE / EN

# Sockelfarbe Schiefer

| Version | Revision Date: | SDS Number: | Date of last issue: 12.08.2025 |
|---|---|---|---|
| 3.9 | 19.09.2025 | 6006057 | Date of first issue: 23.07.2019 |

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

### 1.1 Product identifier

Trade name : Sockelfarbe Schiefer

Unique Formula Identifier (UFI) : 134X-9QPY-701V-DHJ8

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

Use of the Substance/Mixture : Water-borne coatings

Recommended restrictions on use : within adequate application - none

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

Company : Alpina Farben GmbH
Roßdörfer Straße 50
64372 OBER RAMSTADT

Telephone : +498001238887

Telefax : +4961547170632

Website : www.alpina-farben.de

E-mail address Responsible/issuing person : msds@dr-rmi.com

### 1.4 Emergency telephone

Emergency telephone 1 : +49613284463 GBK GmbH

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

**Classification (REGULATION (EC) No 1272/2008)**

Skin sensitization, Category 1 — H317: May cause an allergic skin reaction.

### 2.2 Label elements

**Labelling (REGULATION (EC) No 1272/2008)**

Hazard pictograms :

| | | | |
|---|---|---|---|
| Signal Word | : | Warning | |
| Hazard Statements | : | H317 | May cause an allergic skin reaction. |
| Precautionary Statements | : | P101 | If medical advice is needed, have product container or label at hand. |
| | | P102 | Keep out of reach of children. |
| | | **Prevention:** | |
| | | P261 | Avoid breathing mist or vapors. |
| | | P280 | Wear protective gloves. |
| | | **Response:** | |
| | | P302 + P352 | IF ON SKIN: Wash with plenty of water. |
| | | **Disposal:** | |
| | | P501 | Dispose of contents/ container to an approved waste disposal plant. |

**Hazardous ingredients which must be listed on the label:**

1,2-benzisothiazol-3(2H)-one
2-methylisothiazol-3(2H)-one
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)

**Additional Labeling**

EUH211 Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

### 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Ensure thorough ventilation during and after application. Do not allow to enter into surface water or drains.
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## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

Chemical nature : 1-C-primer coating

**Components**

| Chemical name | CAS-No.<br>EC-No.<br>Index-No.<br>Registration number | Classification | Concentration (% w/w) |
|---|---|---|---|
| 1,2-benzisothiazol-3(2H)-one | 2634-33-5<br>220-120-9<br>613-088-00-6<br>01-2120761540-60 | Acute Tox. 4; H302<br>Skin Irrit. 2; H315<br>Eye Dam. 1; H318<br>Skin Sens. 1A; H317<br>Acute Tox. 2; H330<br>Aquatic Acute 1; H400<br>Aquatic Chronic 1; H410<br><br>M-Factor (Acute aquatic toxicity): 1<br>M-Factor (Chronic aquatic toxicity): 1<br><br>specific concentration limit<br>Skin Sens. 1A; H317<br>>= 0,036 %<br><br>Acute toxicity esti-mate<br><br>Acute oral toxicity: 450 mg/kg<br>Acute inhalation tox-icity (dust/mist): 0,21 mg/l | >= 0,0025 - < 0,025 |
| 2-methylisothiazol-3(2H)-one | 2682-20-4<br>220-239-6<br>613-326-00-9<br>01-2120764690-50 | Acute Tox. 2; H330<br>Acute Tox. 3; H311<br>Acute Tox. 3; H301<br>Skin Corr. 1B; H314<br>Eye Dam. 1; H318<br>Skin Sens. 1A; H317<br>Aquatic Acute 1; H400<br>Aquatic Chronic 1; H410<br>EUH071<br><br>M-Factor (Acute aquatic toxicity): 10<br>M-Factor (Chronic aquatic toxicity): 1 | >= 0,0025 - < 0,025 |

| | | | |
|---|---|---|---|
| | | specific concentration limit<br>Skin Sens. 1A; H317<br>>= 0,0015 % | |
| Pyridine-2-thiol 1-oxide, sodium salt | 3811-73-2<br>223-296-5<br>613-344-00-7<br>01-2119493385-28 | Acute Tox. 4; H302<br>Acute Tox. 3; H331<br>Acute Tox. 3; H311<br>Skin Irrit. 2; H315<br>Eye Irrit. 2; H319<br>Skin Sens. 1; H317<br>STOT RE 1; H372 (Nervous system)<br>Aquatic Acute 1; H400<br>Aquatic Chronic 2; H411<br>EUH070<br><br>M-Factor (Acute aquatic toxicity): 100<br><br>Acute toxicity estimate<br><br>Acute oral toxicity: 500 mg/kg<br>Acute inhalation toxicity (dust/mist): 0,5 mg/l<br>Acute dermal toxicity: 790 mg/kg | >= 0,0002 - < 0,0025 |
| reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) | 55965-84-9<br><br>613-167-00-5<br>01-2120764691-48 | Acute Tox. 3; H301<br>Acute Tox. 2; H330<br>Acute Tox. 2; H310<br>Skin Corr. 1C; H314<br>Eye Dam. 1; H318<br>Skin Sens. 1A; H317<br>Aquatic Acute 1; H400<br>Aquatic Chronic 1; H410<br>EUH071<br><br>M-Factor (Acute aquatic toxicity): 100<br>M-Factor (Chronic aquatic toxicity): 100 | >= 0,0002 - < 0,0015 |

| | | | |
|---|---|---|---|
| | | specific concentration limit<br>Skin Corr. 1C; H314<br>>= 0,6 %<br>Skin Irrit. 2; H315<br>0,06 - < 0,6 %<br>Eye Irrit. 2; H319<br>0,06 - < 0,6 %<br>Skin Sens. 1A; H317<br>>= 0,0015 %<br>Eye Dam. 1; H318<br>>= 0,6 % | |
| Substances with a workplace exposure limit : | | | |
| manganese ferrite black spinel | 68186-94-7<br>269-056-3<br>01-2119457599-19 | | >= 1 - < 10 |
| titanium dioxide | 13463-67-7<br>236-675-5<br>01-2119489379-17 | | >= 1 - < 10 |

For explanation of abbreviations see section 16.

## SECTION 4: First aid measures

### 4.1 Description of first-aid measures

General advice : Never give anything by mouth to an unconscious person.
If you feel unwell, seek medical advice (show the label where possible).
Move out of dangerous area.
First aider needs to protect himself.

If inhaled : Move to fresh air.

In case of skin contact : Do NOT use solvents or thinners.
In case of contact, immediately flush skin with soap and plenty of water.

In case of eye contact : If eye irritation persists: Get medical advice/ attention.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If swallowed : Seek medical advice.
Clean mouth with water and drink afterwards plenty of water.
If swallowed, DO NOT induce vomiting.

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

Risks : May cause an allergic skin reaction.

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

Treatment : No information available.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Do not use a solid water stream as it may scatter and spread fire.

Unsuitable extinguishing media : None known.

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

Specific hazards during fire fighting : In case of fire hazardous decomposition products may be produced such as:
Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

### 5.3 Advice for firefighters

Special protective equipment for fire-fighters : Wear self-contained breathing apparatus for firefighting if necessary.

Further information : Use water spray to cool unopened containers.
Standard procedure for chemical fires.
The product itself does not burn.

## SECTION 6: Accidental release measures

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

Personal precautions : Use protective shoes or boots with rough rubber sole.
Material can create slippery conditions.
Do not get in eyes, on skin, or on clothing.

### 6.2 Environmental precautions

Environmental precautions : Prevent further leakage or spillage if safe to do so.
If the product contaminates rivers and lakes or drains inform respective authorities.
Do not flush into surface water or sanitary sewer system.

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

Methods for cleaning up : Keep in suitable, closed containers for disposal.
Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

### 6.4 Reference to other sections

For further information see Section 7 of the safety data sheet.
, For personal protection see section 8., For disposal considerations see section 13.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Advice on safe handling : Use only with adequate ventilation.
For personal protection see section 8.
No special technical protective measures required.

Hygiene measures : Wash hands before eating, drinking, or smoking. Do not eat, drink or smoke when using this product. Remove contaminated clothing and protective equipment before entering eating areas.

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

Requirements for storage areas and containers : Perishable if frozen. To maintain product quality, do not store in heat or direct sunlight. Store at room temperature in the original container. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Advice on common storage : Keep away from oxidizing agents and strongly acid or alkaline materials.

Storage class (TRGS 510) : 12

### 7.3 Specific end use(s)

Specific use(s) : This information is not available.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

**Occupational Exposure Limits**

| Components | CAS-No. | Value type (Form of exposure) | Control parameters | Basis |
|---|---|---|---|---|
| manganese ferrite black spinel | 68186-94-7 | AGW (Inhalable fraction) | 0,2 mg/m3 (Manganese) | DE TRGS 900 |
| | Peak-limit category: 8;(II) | | | |
| | Further information: For Permanganates an excursion factor of 1(II) applies., When there is compliance with the OEL and biological tolerance values, there | | | |

| | | | | |
|---|---|---|---|---|
| | is no risk of harming the unborn child | | | |
| | | AGW (Alveolate fraction) | 0,02 mg/m3 (Manganese) | DE TRGS 900 |
| | Peak-limit category: 8;(II) | | | |
| | Further information: For Permanganates an excursion factor of 1(II) applies., When there is compliance with the OEL and biological tolerance values, there is no risk of harming the unborn child | | | |
| | | MAK (measured as the alveolate fraction) | 0,02 mg/m3 | DE DFG MAK |
| | Peak-limit category: 8; II | | | |
| | Further information: Damage to the embryo or foetus is unlikely when the MAK value or the BAT value is observed, Permanganates: Peak limitation category I(1) | | | |
| | | MAK (inhalable fraction) | 0,2 mg/m3 | DE DFG MAK |
| | Peak-limit category: 8; II | | | |
| | Further information: Damage to the embryo or foetus is unlikely when the MAK value or the BAT value is observed, Permanganates: Peak limitation category I(1) | | | |
| | | TWA (inhalable fraction) | 0,2 mg/m3 (Manganese) | 2017/164/EU |
| | Further information: Indicative | | | |
| | | TWA (Respirable fraction) | 0,05 mg/m3 (Manganese) | 2017/164/EU |
| | Further information: Indicative | | | |
| titanium dioxide | 13463-67-7 | MAK (measured as the alveolate fraction) | 0,3 mg/m3 | DE DFG MAK |
| | Peak-limit category: 8; II | | | |
| | Further information: Substances that cause cancer in humans or animals or that are considered to be carcinogenic for humans and for which a MAK value can be derived., Damage to the embryo or foetus is unlikely when the MAK value or the BAT value is observed | | | |
| | | AGW (Inhalable fraction) | 10 mg/m3 (Titanium dioxide) | DE TRGS 900 |
| | Peak-limit category: 2;(II) | | | |
| | Further information: When there is compliance with the OEL and biological tolerance values, there is no risk of harming the unborn child | | | |
| | | AGW (Alveolate fraction) | 1,25 mg/m3 (Titanium dioxide) | DE TRGS 900 |
| | Peak-limit category: 2;(II) | | | |
| | Further information: When there is compliance with the OEL and biological tolerance values, there is no risk of harming the unborn child | | | |
| | | BM (Alveolar dust fraction) | 0,5 mg/m3 | DE TRGS 527 |
| Pyridine-2-thiol 1-oxide, sodium salt | 3811-73-2 | MAK (inhalable fraction) | 0,2 mg/m3 | DE DFG MAK |
| | Peak-limit category: 2; II | | | |
| | Further information: Danger of absorption through the skin, Damage to the embryo or foetus is unlikely when the MAK value or the BAT value is ob- | | | |

| | | | | |
|---|---|---|---|---|
| | served | | | |
| | | AGW (Inhalable fraction) | 0,2 mg/m3 | DE TRGS 900 |
| | Peak-limit category: 2;(II) | | | |
| | Further information: Skin absorption, When there is compliance with the OEL and biological tolerance values, there is no risk of harming the unborn child | | | |
| reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) | 55965-84-9 | MAK (inhalable fraction) | 0,2 mg/m3 | DE DFG MAK |
| | Peak-limit category: 2; I | | | |
| | Further information: Danger of sensitization of the skin, Damage to the embryo or foetus is unlikely when the MAK value or the BAT value is observed | | | |

**Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:**

| Substance name | End Use | Routes of exposure | Potential health effects | Value |
|---|---|---|---|---|
| manganese ferrite black spinel | Workers | Inhalation | Long-term systemic effects | 10,00 mg/m3 |
| | Workers | Inhalation | Long-term local effects | 10,00 mg/m3 |
| titanium dioxide | Consumers | Ingestion | Long-term systemic effects | 700,00 mg/kg bw/day |
| | Workers | Inhalation | Long-term local effects | 10,00 mg/m3 |

**Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006:**

| Substance name | Environmental Compartment | Value |
|---|---|---|
| titanium dioxide | Sewage treatment plant | 100 mg/l |
| | Fresh water | 0,184 mg/l |
| | Soil | 100 mg/kg dry weight (d.w.) |
| | Sea water | 0,0184 mg/l |
| | Fresh water sediment | 1000 mg/kg dry weight (d.w.) |
| | Sea sediment | 100 mg/kg dry weight (d.w.) |
| | Intermittent use/release | 0,193 mg/l |

### 8.2 Exposure controls

**Personal protective equipment**

Eye/face protection : DGUV Regulation 112-192 - Use of eye and face protection

Goggles

Hand protection
- Material : Nitrile rubber
- Glove thickness : 0,2 mm
- Protective index : Class 3

| | | |
|---|---|---|
| Remarks | : | Before removing gloves clean them with soap and water.<br>Wear suitable gloves tested to EN374.<br>DGUV Regulation 112-195 - Use of protective gloves |
| Skin and body protection | : | Long sleeved clothing<br><br>Choose body protection according to the amount and concentration of the dangerous substance at the work place.<br><br>Skin should be washed after contact.<br><br>Safety shoes<br><br>Remove and wash contaminated clothing before re-use.<br>During spray application: impervious clothing |
| Respiratory protection | : | No personal respiratory protective equipment normally required.<br><br>During spray application: Do not breathe spray dust. Use A2/P2 combination filter for paint spraying.<br><br>DGUV Regulation 112-190 - Use of breathing equipment |

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

| | | |
|---|---|---|
| Physical state | : | liquid |
| Color | : | gray |
| Odor | : | characteristic |
| Melting point/freezing point | : | ca. 0 °C |
| Boiling point/boiling range | : | ca. 100 °C |
| Upper explosion limit / Upper flammability limit | : | not determined |
| Lower explosion limit / Lower flammability limit | : | not determined |

| | | |
|---|---|---|
| Flash point | : | Not applicable |
| Autoignition temperature | : | not determined |
| Decomposition temperature | : | Not applicable |
| pH | : | 8,0 (20 °C)<br>Concentration: 100 %<br>Method: DIN EN ISO 19396-1:2020-05 |
| Viscosity | | |
| Viscosity, dynamic | : | not determined |
| Viscosity, kinematic | : | not determined |
| Flow time | : | not determined |
| Solubility(ies) | | |
| Water solubility | : | completely miscible |
| Partition coefficient: n-octanol/water | : | not determined |
| Vapor pressure | : | ca. 23,4 hPa (20 °C) |
| Relative density | : | not determined |
| Density | : | 1,43 g/cm3 (20 °C) |
| Bulk density | : | Not applicable |
| Relative vapor density | : | not determined |

**9.2 Other information**

| | | |
|---|---|---|
| Explosives | : | Not applicable |

| | | |
|---|---|---|
| Oxidizing properties | : | Not applicable |
| Flammability (liquids) | : | The product is not flammable. |

## SECTION 10: Stability and reactivity

### 10.1 Reactivity
No decomposition if stored and applied as directed.

### 10.2 Chemical stability
No decomposition if stored and applied as directed.

### 10.3 Possibility of hazardous reactions

| | | |
|---|---|---|
| Hazardous reactions | : | No decomposition if stored and applied as directed. |

### 10.4 Conditions to avoid

| | | |
|---|---|---|
| Conditions to avoid | : | Protect from frost, heat and sunlight. |

### 10.5 Incompatible materials

| | | |
|---|---|---|
| Materials to avoid | : | Incompatible with acids and bases.<br>Incompatible with oxidizing agents. |

### 10.6 Hazardous decomposition products
No decomposition if stored and applied as directed.

## SECTION 11: Toxicological information

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

**Acute toxicity**

Not classified based on available information.

**Components:**

**1,2-benzisothiazol-3(2H)-one:**

| | | |
|---|---|---|
| Acute oral toxicity | : | Acute toxicity estimate: 450 mg/kg<br>Method: Acute toxicity estimate according to Regulation (EC) No. 1272/2008 |
| Acute inhalation toxicity | : | Acute toxicity estimate: 0,21 mg/l<br>Test atmosphere: dust/mist<br>Method: Acute toxicity estimate according to Regulation (EC) No. 1272/2008 |
| Acute dermal toxicity | : | LD50 (Rat): > 2.000 mg/kg |

**2-methylisothiazol-3(2H)-one:**

| | | |
|---|---|---|
| Acute oral toxicity | : | LD50 (Rat): 120 mg/kg |
| Acute inhalation toxicity | : | LC50 (Rat): 0,145 mg/l<br>Exposure time: 4 h<br>Test atmosphere: dust/mist |

**Pyridine-2-thiol 1-oxide, sodium salt:**

| | | |
|---|---|---|
| Acute oral toxicity | : | Acute toxicity estimate: 500 mg/kg<br>Method: Acute toxicity estimate according to Regulation (EC) No. 1272/2008 |
| Acute inhalation toxicity | : | Acute toxicity estimate: 0,5 mg/l<br>Test atmosphere: dust/mist<br>Method: Acute toxicity estimate according to Regulation (EC) No. 1272/2008 |
| Acute dermal toxicity | : | Acute toxicity estimate: 790 mg/kg<br>Method: Acute toxicity estimate according to Regulation (EC) No. 1272/2008 |

**reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1):**

| | | |
|---|---|---|
| Acute oral toxicity | : | LD50 (Rat): 66 mg/kg<br>Method: OECD Test Guideline 401 |
| Acute inhalation toxicity | : | LC50 (Rat): 0,17 mg/l<br>Exposure time: 4 h<br>Test atmosphere: dust/mist<br>Method: OECD Test Guideline 403 |
| Acute dermal toxicity | : | LD50 (Rat): > 141 mg/kg<br>Method: OECD Test Guideline 402 |

**Skin corrosion/irritation**

Not classified based on available information.

**Serious eye damage/eye irritation**

Not classified based on available information.

**Respiratory or skin sensitization**

**Skin sensitization**

May cause an allergic skin reaction.

**Respiratory sensitization**

Not classified based on available information.

**Germ cell mutagenicity**

Not classified based on available information.

**Carcinogenicity**

Not classified based on available information.

**Reproductive toxicity**

Not classified based on available information.

**STOT-single exposure**

Not classified based on available information.

**STOT-repeated exposure**

Not classified based on available information.

**Aspiration toxicity**

Not classified based on available information.

### 11.2 Information on other hazards

**Endocrine disrupting properties**

Not classified based on available information.

**Product:**

| | | |
|---|---|---|
| Assessment | : | The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher. |

## SECTION 12: Ecological information

### 12.1 Toxicity

**Components:**

**1,2-benzisothiazol-3(2H)-one:**

| | | |
|---|---|---|
| Toxicity to fish | : | LC50 (Oncorhynchus mykiss (rainbow trout)): 2,2 mg/l<br>Exposure time: 96 h<br>Method: OECD Test Guideline 203 |
| Toxicity to daphnia and other aquatic invertebrates | : | EC50 (Daphnia): 3,27 mg/l<br>Exposure time: 48 h<br>Method: OECD Test Guideline 202 |
| Toxicity to algae/aquatic plants | : | EC50 (Selenastrum capricornutum (green algae)): 0,11 mg/l<br>Exposure time: 72 h<br>Method: OECD Test Guideline 201 |
| M-Factor (Acute aquatic toxicity) | : | 1 |
| M-Factor (Chronic aquatic toxicity) | : | 1 |

**2-methylisothiazol-3(2H)-one:**

M-Factor (Acute aquatic toxicity) : 10

M-Factor (Chronic aquatic toxicity) : 1

**Pyridine-2-thiol 1-oxide, sodium salt:**

M-Factor (Acute aquatic toxicity) : 100

**reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1):**

M-Factor (Acute aquatic toxicity) : 100

M-Factor (Chronic aquatic toxicity) : 100

### 12.2 Persistence and degradability

No data available

### 12.3 Bioaccumulative potential

**Components:**

**1,2-benzisothiazol-3(2H)-one:**

Partition coefficient: n-octanol/water : log Pow: 0,63 - 0,76
pH: 7

**2-methylisothiazol-3(2H)-one:**

Partition coefficient: n-octanol/water : log Pow: -0,486 (25 °C)
pH: 7

**Pyridine-2-thiol 1-oxide, sodium salt:**

Partition coefficient: n-octanol/water : Pow: 0,002 (20 °C)

**reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1):**

Partition coefficient: n-octanol/water : log Pow: <= 0,75
Method: OECD Test Guideline 117

### 12.4 Mobility in soil

No data available

### 12.5 Results of PBT and vPvB assessment

**Product:**

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

### 12.6 Endocrine disrupting properties

**Product:**

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

### 12.7 Other adverse effects

**Product:**

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Product : Materials and all related packaging must be disposed of in a safe way in accordance with the full requirements of the local, regional, national and international authorities.

Washing water must not be discharged into the sewage system or the environment.

Contaminated packaging : Only completely emptied containers should be given for recycling.

Waste Code : used product
080112, waste paint and varnish other than those mentioned in 08 01 11*

## SECTION 14: Transport information

### 14.1 UN number or ID number

**ADN** : Not regulated as a dangerous good

**ADR** : Not regulated as a dangerous good

**RID** : Not regulated as a dangerous good

| | | |
|---|---|---|
| **IMDG** | : | Not regulated as a dangerous good |
| **IATA** | : | Not regulated as a dangerous good |

**14.2 UN proper shipping name**

| | | |
|---|---|---|
| **ADN** | : | Not regulated as a dangerous good |
| **ADR** | : | Not regulated as a dangerous good |
| **RID** | : | Not regulated as a dangerous good |
| **IMDG** | : | Not regulated as a dangerous good |
| **IATA** | : | Not regulated as a dangerous good |

**14.3 Transport hazard class(es)**

| | | |
|---|---|---|
| **ADN** | : | Not regulated as a dangerous good |
| **ADR** | : | Not regulated as a dangerous good |
| **RID** | : | Not regulated as a dangerous good |
| **IMDG** | : | Not regulated as a dangerous good |
| **IATA** | : | Not regulated as a dangerous good |

**14.4 Packing group**

| | | |
|---|---|---|
| **ADN** | : | Not regulated as a dangerous good |
| **ADR** | : | Not regulated as a dangerous good |
| **RID** | : | Not regulated as a dangerous good |
| **IMDG** | : | Not regulated as a dangerous good |
| **IATA (Cargo)** | : | Not regulated as a dangerous good |
| **IATA (Passenger)** | : | Not regulated as a dangerous good |

**14.5 Environmental hazards**

Not regulated as a dangerous good

**14.6 Special precautions for user**

| | | |
|---|---|---|
| Remarks | : | Not classified as dangerous in the meaning of transport regulations. |

**14.7 Maritime transport in bulk according to IMO instruments**

Not applicable for product as supplied.

## SECTION 15: Regulatory information

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

| | | |
|---|---|---|
| REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, | : | Conditions of restriction for the following entries should be considered: |

| | | |
|---|---|---|
| mixtures and articles (Annex XVII) | | Number on list 75, 3<br><br>If you intend to use this product as tattoo ink, please contact your vendor. |
| REACH - Candidate List of Substances of Very High Concern for Authorization (Article 59) (SVHC). | : | None |
| Regulation (EU) No 2024/590 on substances that deplete the ozone layer | : | Not applicable |
| Regulation (EU) 2019/1021 on persistent organic pollutants (recast) | : | Not applicable |
| REACH - List of substances subject to authorisation (Annex XIV) | : | None |
| Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances. | | Not applicable |
| Water hazard class (Germany) | : | WGK 1 slightly water endangering<br>Classification according to AwSV, Annex 1 (5.2) |
| . | : | BSW30: Coating materials, water-based, containing solvents |
| Labeling according to Regulation (EU) 528/2012 | : | Treated article, contains a biocidal product. preservatives: CIT/MIT (3:1), BIT, MIT. |
| Volatile organic compounds | : | Directive 2010/75/EU of 24 November 2010 on industrial and livestock rearing emissions (integrated pollution prevention and control)<br>Volatile organic compounds (VOC) content: 1,62 % |
| Volatile organic compounds | : | Directive 2004/42/EC<br>< 3 %<br>< 40 g/l |

**Other regulations:**

Take note of Law on the protection of mothers at work, in education and in studies (Maternity Protection Act - MuSchG).

Take note of Directive 94/33/EC on the protection of young people at work or stricter national regulations, where applicable.

**15.2 Chemical Safety Assessment**

A Chemical Safety Assessment is not required for this mixture.

## SECTION 16: Other information

### Full text of H-Statements

| | | |
|---|---|---|
| H301 | : | Toxic if swallowed. |
| H302 | : | Harmful if swallowed. |
| H310 | : | Fatal in contact with skin. |
| H311 | : | Toxic in contact with skin. |
| H314 | : | Causes severe skin burns and eye damage. |
| H315 | : | Causes skin irritation. |
| H317 | : | May cause an allergic skin reaction. |
| H318 | : | Causes serious eye damage. |
| H319 | : | Causes serious eye irritation. |
| H330 | : | Fatal if inhaled. |
| H331 | : | Toxic if inhaled. |
| H372 | : | Causes damage to organs through prolonged or repeated exposure. |
| H400 | : | Very toxic to aquatic life. |
| H410 | : | Very toxic to aquatic life with long lasting effects. |
| H411 | : | Toxic to aquatic life with long lasting effects. |
| EUH070 | : | Toxic by eye contact. |
| EUH071 | : | Corrosive to the respiratory tract. |

### Full text of other abbreviations

| | | |
|---|---|---|
| Acute Tox. | : | Acute toxicity |
| Aquatic Acute | : | Short-term (acute) aquatic hazard |
| Aquatic Chronic | : | Long-term (chronic) aquatic hazard |
| Eye Dam. | : | Serious eye damage |
| Eye Irrit. | : | Eye irritation |
| Skin Corr. | : | Skin corrosion |
| Skin Irrit. | : | Skin irritation |
| Skin Sens. | : | Skin sensitization |
| STOT RE | : | Specific target organ toxicity - repeated exposure |
| 2017/164/EU | : | Europe. Commission Directive 2017/164/EU establishing a fourth list of indicative occupational exposure limit values |
| DE DFG MAK | : | Germany. MAK BAT Annex IIa |
| DE TRGS 527 | : | Germany. TRGS 527 - Activities with nanomaterials |
| DE TRGS 900 | : | Germany. TRGS 900 - Occupational exposure limit values. |
| 2017/164/EU / TWA | : | Limit Value - eight hours |
| DE DFG MAK / MAK | : | MAK value |
| DE TRGS 527 / BM | : | Assessment scale |
| DE TRGS 900 / AGW | : | Time Weighted Average |

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No

Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

**Further information**

Other information : No exposure scenario communication is required for this product according to REACH Regulation No. 1907/2006 EC. Communication of Uses is not required in accordance with REACH Article 31(1)(a) - registered substances / mixtures do not meet the criteria for classification as hazardous in accordance with Regulations 1272/2008 EC or 1999/45/EC.

Sources of key data used to compile the Material Safety Data Sheet : ECHA WebSite
ACGIH (American Conference of Government Industrial Hygienists). 2014 TLVs and BEIs. Threshold Limit Values (TLVs) for chemical substances and physical agents and Biological Exposure Indices (BEIs) with Seventh Edition documentation. 2014 ACGIH, Cincinnati OH
NIOSH - Registry of toxic effects of chemical substances
ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities
SAX'S - Dangerous properties of industrial materials
GESTIS - Database on hazardous substances - Institut für Arbeitsschutz der Deutschen Gesetzlichen Unfallversicherung (IFA, Institute for Occupational Safety and Health of the German Social Accident Insurance)
Toxnet - Toxicology Data Network

| **Classification of the mixture:** | | **Classification procedure:** |
|---|---|---|
| Skin Sens. 1 | H317 | Calculation method |

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**REACH Information**

According to our legal obligation we implement the Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH). We will adjust and update our safety data sheets on a regular base in accordance with the information of our up-stream-suppliers. As usual we will inform you about the adjustments.
Regarding to the REACH regulation we would like to point out that DAW as a downstream user will not register on behalf of our company. We will rely on information from our suppliers. As soon as new information is available our safety data sheets will be amended accordingly.

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