

Wikoplast®-color

1. Identification of the substance/mixture and of the company/undertaking


1.1 Product identifier

| | |
|--------------------------|------------------------|
| Trade Name | Wikoplast-color |
| Item number | PKD 8400 |
| BAG-Register number (CH) | CPID: 858382-11 |


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

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|----------------------------|--|
| Relevant identified uses | Adhesives and sealants |
| Uses advised against | All applications that are not explained in this technical data sheet. |
| Field for application [SU] | SU22 – Commercial use: Public domain (administration, education, entertainment, services, trade) |

1.3 Details of the supplier of the safety data sheet

| | | |
|---------------------|---|--|
| Supplier | Wisabax AG Kleb- und Dichtstoffe |  |
| Address | Grossmatte 21 / Postfach CH-6014 Luzern-Littau | |
| Phone | +41 (0)41 250 18 18 | |
| Email | info@wisabax.ch | |
| URL | www.wisabax.ch | |
| Information contact | Technical Dept. - Mr B. Wicki Environment Dept. - Mrs E. Svets | |

1.4 Emergency telephone number

| | | |
|---|---------------------------------|---|
| 24h emergency number (just possible in switzerland) | Tel. 145 |  |
| Tox Info Suisse (ancient swiss toxicological infomations centre) For emergencies from all the countries 24h accessible in german, french, italian oder english. For not urgent cases see www.toxinfo.ch. | Tel. +41 (0)44 251 51 51 | |

2. Hazards identification

2.1 Classification of the substance or mixture according to (EC) Nr. 1272/2008 (CLP).
omitted

2.2 Labelling according to Regulation (EC) Nr. 1272/2008 (CLP)

| | |
|--------------------------------------|--|
| Pictograms(e) | omitted |
| Signal word(s) | omitted |
| Hazard warning(s) [H-statements] | omitted |
| Safety instruction(s) [P-statements] | omitted |
| Special marking(s) [EUH-Phrases] | EUH208 Contains trimethoxyvinylsilane. May produce an allergic reaction. Safety data sheet available on request. |

2.3 Other hazards

Persons suffering from allergic reactions to this product should avoid contact with de product.

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

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

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3. Composition/information on ingredients

3.1 Substances

This product is a mixture, for more see section 3.2.

3.2 Description of the mixture

Mixture of the following dangerous substances in quantities to be declared/relevant.

Relevant hazardous substances:

Content: 1 % - 5 %

| | | |
|---|--|---|
| CAS No.: 2768-02-7 EG No.: 220-449-8 Index No.: 014-049-00-0 Reg. No. (REACH): 01-2119513215-52-XXXX | trimethoxyvinylsilane Further name(s): vinyltrimethoxysilane [25/Q2/2] | Flam. Liq. 3, H226; Acute Tox. 4, H332; Skin Sens. 1B, H317 |
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Note: H-phrases and abbreviations are detailed in section 16.

4. First aid measures

4.1 Description of first aid measures

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| General information | Observe the general rules of first aid measures. Refresh occasionally your knowledge. If medical advice is required, have this safety data sheet, the packaging or the label ready. |
| Following inhalation | Supply fresh air. Loosen restrictive clothing. Place in a resting position. Consult a doctor depending on the symptoms. |
| Following skin contact | Product residues remove mechanically, e.g. Remove contaminated clothing immediately. Wash skin with much water and soap. Consult a doctor depending on the symptoms, if possible, show this container or label. Generally, the product does not irritate the skin. |
| Following eye contact | Rinse open eyes for several minutes under running water. Depending on the symptoms (e.g. redness), consult an ophthalmologist. Remove contact lenses, if present and easy to do. |
| Following ingestion | Rinse mouth thoroughly with water. In case of persistent symptoms, consult doctor. Present this safety data sheet or product label. Never give anything by mouth to an unconscious person. |

4.2 Most important symptoms and effects, both acute and delayed

It may, in particular through prolonged or repeated exposure the following symptoms may occur. See section 11.

4.3 Indication of any immediate medical attention and special treatment needed

Treat by symptoms.

5. Firefighting measures

5.1 Extinguishing media

Always adapt firefighting measures to the surroundings and the size of the fire.

Suitable extinguishing media: Water spray jet, Dry powder fire extinguishers, Alcohol-resistant foam, Carbon dioxide

Unsuitable extinguishing media: Full water jet

5.2 Special hazards arising from the substance or mixture

Formation of toxic gases is possible during heating or in case of fire:
Carbon oxide (Carbon monoxide, ..), Nitrogen oxide (NOx).

5.3 Advice for fire-fighters

Do not inhale combustion gases.

Wear breathing apparatus with own air supply. Wear full protection depending on fire class.

Use water spray to cool endangered containers.

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6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Arrange for sufficient air supply. Avoid eye and skin contact as well as inhalation.

6.2 Environmental precautions

Do not empty into drains. Prevent surface and ground-water infiltration, as well as ground penetration.

6.3 Methods and material for containment and cleaning up

Mechanical remove and correct disposal of waste (cf. paragraph 13). Absorb bigger quantities with fluid-binding material (e.g. universal binder, sand, diatomaceous earth, sawdust) and dispose of according to section 13.

6.4 Reference to other sections

Personal protective equipment see section 8. Waste disposal see section 13.

7. Handling and storage

7.1 Precautions for safe handling

Ensure good ventilation. General hygiene measures for the handling of chemicals are applicable. Wash hands before breaks and after work. Attention of the general rules of the preventing operational fire protection.

7.2 Conditions for safe storage, including any incompatibilities

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7.3 Specific end uses

Sealant - See technical data sheet and the product imprint.

8. Exposure controls/personal protection

8.1 Control parameters

Components with limit values that require monitoring at the workplace:

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| CAS No.: 471-34-1 EG No.: 207-439-9 Index No.: - Reg. No. (REACH): - | calcium carbonate CH: MAC: 3 mg/m ³ (a) BE: TWA: 10 mg/m ³ (a) |
|---|---|

Reaction product when crosslinking with humidity.

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| CAS No.: 67-56-1 EG No.: 200-659-6 Index No.: 603-001-00-X Reg. No. (REACH): 01-2119433307-44-XXXX | methanol CH: MAC: 200 ppm, MAC: 260 mg/m ³ CH: MAC: 100 ppm, MAC: 130 mg/m ³ /8h CH: STEL: 400 ppm, STEL: 520 mg/m ³ EU: TWA: 200 ppm, TWA: 260 mg/m ³ DE: BLV: Urin 15 mg/l end of exposure or end of shift |
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MAK = Maximum Workplace Concentration (TLV = Threshold Limit Value)


CH It's a swiss limit, edited by SUVA. If there is no limit from SUVA it's a work place limit (AGW) from Germany or another European state.

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| CAS No.: 2768-02-7 EG No.: 220-449-8 Index No.: 014-049-00-0 Reg. No. (REACH): 01-2119513215-52-XXXX | trimethoxyvinylsilane employee: DNEL: 4.9 mg/m ³ [inhalative, short-term, systemic effects]; employee: DNEL: 0.91 mg/kg [dermal exposure route, long-term, systemic effects]; employee: DNEL: 27.6 mg/kg [inhalative, long-term, systemic effects]; consumer: DNEL: 0.1 mg/kg [dermal exposure route, short-term, systemic effects]; consumer: DNEL: 93.4 mg/m ³ [inhalative, short-term, systemic effects]; consumer: DNEL: 0.63 mg/kg bw/day [dermal exposure route, long-term, systemic effects]; consumer: DNEL: 6.8 mg/m ³ [inhalative, long-term, systemic effects]; consumer: DNEL: 0.63 mg/kg bw/day [oral, long-term, systemic effects]; environment: PNEC: 0.4 mg/l [fresh water]; environment: PNEC: 0.04 mg/l [sea water]; |
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| | <p>environment: PNEC: 1.21 mg/l [water, sporadic release]; environment: PNEC: 6.6 mg/l [microorganisms in wastewater treatment plants]; environment: PNEC: 0.29 mg/kg [sediment, fresh water]; environment: PNEC: 0.15 mg/kg [sediment, seawater]; environment: PNEC: 0.048 mg/kg [soil] <small>[25/Q2/5]</small></p> |
| <p>CAS No.: 471-34-1 EG No.: 207-439-9 Index No.: - Reg. No. (REACH): 01-2119486795-18-XXXX</p> | <p>calcium carbonate employee: DNEL: 10 mg/m³ [inhalative, long-term, systemic effects]; employee: DNEL: 4.26 mg/m³ [inhalative, long-term, local effects]; consumer: DNEL: 10 mg/m³ [inhalative, long-term, systemic effects]; consumer: DNEL: 1.06 mg/m³ [inhalative, long-term, local effects]; consumer: DNEL: 6.1 mg/kg bw/d [oral, short-term, systemic effects]; consumer: DNEL: 6.1 mg/kg bw/d [oral, long-term, systemic effects]; environment: PNEC: 100 mg/l [microorganisms in wastewater treatment plants] <small>[24/Q2/4]</small></p> |
| <p>CAS No.: 67-56-1 EG No.: 200-659-6 Index No.: 603-001-00-X Reg. No. (REACH): 01-2119433307-44-XXXX</p> | <p>methanol employee: DNEL: 20 mg/kg bw/d [dermal exposure route, short-term, systemic effects]; employee: DNEL: 130 mg/m³ [inhalative, short-term, systemic effects]; employee: DNEL: 130 mg/m³ [inhalative, short-term, local effects]; employee: DNEL: 20 mg/kg bw/d [dermal exposure route, long-term, systemic effects]; employee: DNEL: 130 mg/m³ [inhalative, long-term, systemic effects]; employee: DNEL: 130 mg/m³ [inhalative, long-term, local effects]; consumer: DNEL: 4 mg/kg bw/d [dermal exposure route, short-term, systemic effects]; consumer: DNEL: 26 mg/m³ [inhalative, short-term, systemic effects]; consumer: DNEL: 4 mg/kg bw/d [oral, short-term, systemic effects]; consumer: DNEL: 4 mg/kg [dermal exposure route, long-term, systemic effects]; consumer: DNEL: 26 mg/m³ [inhalative, short-term, local effects]; consumer: DNEL: 26 mg/m³ [inhalative, long-term, local effects]; consumer: DNEL: 26 mg/m³ [inhalative, long-term, systemic effects]; consumer: DNEL: 4 mg/kg bw/d [oral, long-term, systemic effects]; environment: PNEC: 154 mg/l [fresh water]; environment: PNEC: 15.4 mg/l [sea water]; environment: PNEC: 570.4 mg/kg [sediment, fresh water]; environment: PNEC: 57.04 mg/kg [sediment, seawater]; environment: PNEC: 23.5 mg/kg [soil]; environment: PNEC: 1540 mg/l [water, sporadic release]; environment: PNEC: 100 mg/l [microorganisms in wastewater treatment plants] <small>[25/Q2/5]</small></p> |
| <p>8.2 Exposure controls</p> | |
| <p>8.2.1 Appropriate engineering controls Ensure good ventilation, e.g. by local suction, general exhaust air. Minimize the risk of inhalations of vapours. Comply with the workplace exposure limits. If limits can't be adhered to, use appropriate respiratory protection.</p> | |
| <p>8.2.2 Personal protective equipment</p> | |
| <p>General data</p> | <p>Select personal protective equipment according to the CEN standards; discuss protective equipment with the supplier.</p> |
| <p>Eye/face protection</p> | <p>During refilling or if possible contact with the eyes, goggles recommended.</p> |
| <p>Hand-/Body protection</p> | <p>Avoid contact with your skin. If it's not available wear appropriate gloves.</p> |
| <p>Protective clothing</p> | <p>Wear suitable protective clothing, e.g long-sleeved clothes and safety shoes according to EN ISO 20345.</p> |
| <p>Respiratory protection</p> | <p>Normally not needed. Comply with the workplace exposure limits. In case of insufficient ventilation or if limit values cannot be complied, use air respirator. Filters type AXBEK in accordance with EN 14387. Follow the wear time limits for breathing apparatus.</p> |

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| Hygiene measures | General hygiene measures for the handling of chemicals are applicable. Do not eat, drink or smoke while at work. Wash hands before breaks and after work. |
| Thermal hazards | Not applicable. |
|  <p>On the basis of the contents and our experience the following non-binding recommendations for the selection of the material of the protective gloves (minimum layer thickness: 0.4 mm):</p> | |
| Recommended glove material: | Butyl rubber (Butyl), Nitrile rubber/Nitrile latex (NBR) |
| Inappropriate glove material: | Textile Materials |
| <p>The selection of suitable depends upon the material, and also upon the quality of the gloves. The degree of protection will vary from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the materials used for gloves cannot be predetermined; it is therefore necessary to check this before using the product.</p> <p>The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.</p> | |
| <p>8.2.3 Environmental exposure controls More information that is detailed is not available yet.</p> | |

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

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| Physical state | Pasty |
| Colour | various colours |
| Density | Ca. 1.2 g/ml |
| Viscosity | Not determined |
| Odour | Characteristic |
| Odour threshold | Not determined |
| pH-level | Not determined |
| Melting point/freezing point | Not determined |
| Initial boiling point/boiling range | Not determined |
| Decomposition temperature | Not determined |
| Rate of evaporation | Not determined |
| Flashpoint | Not determined |
| Auto-ignition temperature | Not determined |
| Lower explosive limits | Not determined |
| Upper explosive limits | Not determined |
| Vapour pressure | Not determined |
| Vapour density (Air = 1) | Not determined |
| Explosive properties | Not determined |
| Oxidising properties | No |

9.2 Other information

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|---|-----------------------|
| Solubility in / Miscibility with water. | Immiscible with water |
| Solubility in / Miscibility in | Not determined |
| Partition coefficient n-Octanol/Water | Not determined |
| Conductivity | Insulating |
| VOC-content (EU) | 0% |
| VOC-content (CH) | 0% |

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10. Stability and reactivity

10.1 Reactivity

This product reacts with water (air humidity).

10.2 Chemical stability

The product is stable when properly stored and handled.

10.3 Possibility of hazardous reactions

No effects are known if used as intended.

10.4 Conditions to avoid

No effects are known if used as intended.

10.5 Incompatible materials

No known.

10.6 Hazardous decomposition products

In contact with water/humidity caused small amounts of methanol.

11. Toxicological information

11.1 Information on toxicological effects

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11.2. Toxicological information of hazardous ingredients

CAS No.: 2768-02-7
EG No.: 220-449-8
Index No.: 014-049-00-0
Reg. No. (REACH): 01-2119513215-52-XXXX

trimethoxyvinylsilane

acute toxicity: LD50: 7120 mg/kg [oral, rat, OECD 401];
acute toxicity: LC50: 16.8 mg/l/4h [inhalative, rat, OECD TG 403, vapours];
acute toxicity: ATE: 16.8 mg/l/4h [inhalative, vapours, OECD TG 403];
acute toxicity: LD50: 2773 ppm/4h [inhalative, rat, OECD TG 403];
acute toxicity: LD50: 3200 mg/kg [dermal exposure route, rabbit, OECD 402];
acute toxicity: ATE: 1.5 mg/l/4h [inhalative, dust / fog];
acute toxicity: NOAEL: 200 mg/kg/90d bw/d [oral, rat];
corrosive/irritant effect on the skin: non-irritant [rabbit, dermal exposure route, OECD 404];
serious eye damage/irritation: non-irritant [rabbit, OECD 405];
respiratory/skin sensitization: sensitising [Guinea pig, dermal exposure route, OECD 406, Skin Sens. 1B];
germ cell mutagenicity: negative [OECD 476, In Vitro Mammalian Cell Gene Mutation Test];
germ cell mutagenicity: negative [mouse, OECD 474, Mammalian Erythrocyte Micronucleus Test];
germ cell mutagenicity: negative [rat, OECD 489, In Vitro Mammalian Alkaline Comet Assay];
germ cell mutagenicity: negative [Salmonella typhimurium, OECD 471, Bacterial Reverse Mutation Test];
reproductive toxicity: NOAEL: 1000 mg/kg, negative [rat, OECD 422]
reproductive toxicity (developmental effects): NOAEL: ≥ 75 mg/kg, negative [rabbit, OECD 414];
specific target organ toxicity - repeated exposure (STOT RE): NOAEL: 62.5 mg/kg/90d [rat, oral, OECD 408, vapours, target organ(s): bladder];
specific target organ toxicity - repeated exposure (STOT RE): NOAEL: 0.058 mg/kg/90d [rat, inhalative, OECD 413, vapours];
carcinogenicity: negative;
symptoms: drowsiness, dizziness, nausea, abdominal pain, breathing difficulties, visual disturbances [25/Q1,2/4,5]

CAS No.: 471-34-1
EG No.: 207-439-9
Index No.: -
Reg. No. (REACH): -

calcium carbonate

acute toxicity: LD50: >2000 mg/kg [oral, rat, OECD 420];
acute toxicity: LD50: >2000 mg/kg [dermal exposure route, rat, OECD 402];
acute toxicity: LC50: >3 mg/l/4h [inhalative, rat, OECD 403];
corrosive/irritant effect on the skin: non-irritant [rabbit, OECD 404];
serious eye damage/irritation: non-irritant [rabbit, OECD 405];
respiratory/skin sensitization: no (skin contact) [mouse, OECD 429];
germ cell mutagenicity: negative [OECD 471, Bacterial Reverse Mutation Test];

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| | <p>germ cell mutagenicity: negative [OECD 473, In Vitro Mammalian Chromosome Aberration Test]; germ cell mutagenicity: negative [OECD 476, In Vitro Mammalian Cell Gene Mutation Test]; carcinogenicity: keine Hinweise auf eine derartige Wirkung; reproductive toxicity: NOEL: 1000 mg/kg bw/d [rat, OECD 422]; specific target organ toxicity - single exposure (STOT SE): keine Hinweise auf eine derartige Wirkung; specific target organ toxicity - repeated exposure (STOT RE): keine Hinweise auf eine derartige Wirkung; specific target organ toxicity - repeated exposure (STOT RE): NOAEL: 1000 mg/kg bw/d [oral, rat, OECD 422, Combined Repeated Dose Tox. Study with the Reproduction/Developm. Tox. Screening Test] ; specific target organ toxicity - repeated exposure (STOT RE): NOAEC: 0.212 mg/l [inhalative, rat, OECD 413, Subchronic Inhalation Toxicity - 90-Day Study]; aspiration hazard: no; symptoms: blood in urine (haematuria), nausea and vomiting; other information: harmless, is authorised as an additive in foodstuffs (E170) [25/Q2/4,5]</p> |
| <p>CAS No.: 67-56-1 EG No.: 200-659-6 Index No.: 603-001-00-X Reg. No. (REACH): 01-2119433307-44-XXXX</p> | <p>methanol acute toxicity: ATE: 100 mg/kg [oral, human]; acute toxicity: LD50: 17100 mg/kg [dermal exposure route, rabbit]; acute toxicity: ATE: 300 mg/kg [dermal exposure route]; acute toxicity: ATE: 3 mg/l/4h [inhalative, vapours]; acute toxicity: ATE: 0.5 mg/l/4h [inhalative, dust/fog]; corrosive/irritant effect on the skin: non-irritant [rabbit, BASF-Test]; serious eye damage/irritation: non-irritant [rabbit, OECD 405]; respiratory/skin sensitization: not sensitising (skin contact) [Guinea pig, OECD 406]; germ cell mutagenicity: negative [Salmonella typhimurium, OECD 471, Bacterial Reverse Mutation Test]; germ cell mutagenicity: negative [mammals, OECD 476]; germ cell mutagenicity: negative [mouse, OECD 474, Mammalian Erythrocyte Micronucleus Test]; carcinogenicity: negative [mouse, OECD 453, Combined Chronic Toxicity/Carcinogenicity Studies]; reproductive toxicity: NOAEL: 1.3 mg/l [mouse, OECD 416, Two-generation Reproduction Toxicity Study]; specific target organ toxicity - repeated exposure (STOT RE): NOAEL: 0.13 mg/l [mouse, OECD 453, Combined Chronic Toxicity/Carcinogenicity Studies]; symptoms: abdominal pain, vomiting, headaches, gastrointestinal complaints, drowsiness, visual disturbances, tearing of the eyes, nausea, confusion, intoxication, dizziness [25/Q2/1,5]</p> |

Classification of the respective hazardous components see section 3.

12. Ecological information

12.1 Toxicity

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| Aquatic toxicity Germany (Self-classification) | WGK 1 Slightly hazardous to water |
| The product/mixture is not classified as hazardous to the aquatic environment – acute. | |
| The product/mixture is not classified as hazardous to the aquatic environment – chronic. | |
| The product is not classified as dangerous for the environment. | |

12.2 Persistence and degradability

The product is not biodegradable.

12.3 Bioaccumulative potential

Any bioaccumulation potential.

12.4 Mobility in soil

No information is available.

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12.5 Results of PBT and vPvB assessment

See section 2.3.

12.6 Other adverse effects

Do not allow product to reach ground water, water course or sewage system.

12.7 Additional ecotoxicological information

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|---|---|
| <p>CAS No.: 2768-02-7 EG No.: 220-449-8 Index No.: 014-049-00-0 Reg. No. (REACH): 01-2119513215-52-XXXX</p> | <p>trimethoxyvinylsilane acute toxicity, fish: LC50: 191 mg/l/96h [Oncorhynchus mykiss]; acute toxicity, algae: EC50: >957 mg/l/72h [Desmodesmus subspicatus, EU Method C.3]; acute toxicity, algae: ErC50: >100 mg/l/72h [OECD 201]; acute toxicity, crustaceans: EC50: 168.7 mg/l/48h [Daphnia magna]; acute toxicity, crustaceans: NOEC: 28.1 mg/l [chronic]; acute toxicity, algae: NOEC: 25 mg/l [chronic]; persistence and degradability: 104 mg/l, 51%/28d, manometric respiration test, BSB (biochemical oxygen demand (BOD)) [OECD 301 F]; bioaccumulative potential: partition coefficient: 1.1 results of PBT and vPvB assessment: no PBT substance, no vPvB substance mobility in soil: slight [24/Q1,5,106/4,3]</p> |
| <p>CAS No.: 471-34-1 EG No.: 207-439-9 Index No.: - Reg. No. (REACH): -</p> | <p>calcium carbonate acute toxicity, fish: LC50: >100 mg/l/96h [Oncorhynchus mykiss, OECD 203]; acute toxicity, fish: LC50: >1000 mg/l/48h [Oncorhynchus mykiss, OECD 203]; acute toxicity, daphnia: EC50: >1 mg/l/48h [Daphnia magna]; acute toxicity, algae: EC50: >200 mg/l/72h [Desmodesmus subspicatus]; acute toxicity, algae: EC50: >14 mg/l/72h [Desmodesmus subspicatus, OECD 201]; persistence and degradability: does not apply to inorganic substances; bioaccumulative potential: is not to be expected; acute bacteriotoxicity: EC50: >1000 mg/l/3h [activated sludge, OECD 209]; acute bacteriotoxicity: NOEC/NOEL: 1000 mg/l/3h [activated sludge, OECD 209]; other organisms: EC50: >1000 mg/kg dw /21d [Glycine max, OECD 208]; other organisms: EC50: >1000 mg/kg dw /21d [Lycopersicon esculentum, OECD 208]; other organisms: EC50: >1000 mg/kg dw /21d [Avena sativa, OECD 208]; other organisms: NOEC/NOEL: 1000 mg/kg dw /21d [Glycine max, OECD 208]; other organisms: NOEC/NOEL: 1000 mg/kg dw /21d [Lycopersicon esculentum, OECD 208]; other organisms: NOEC/NOEL: 1000 mg/kg dw /21d [Avena sativa, OECD 208]; other organisms: EC50: >1000 mg/kg dw/14d [Eisenia foetida, OECD 207]; other organisms: NOEC/NOEL: 1000 mg/kg dw/14d [Eisenia foetida, OECD 207]; other organisms: EC50: >1000 mg/kg dw/28d [OECD 216]; other organisms: NOEC/NOEL: 1000 mg/kg dw/28d [OECD 216]; water solubility: 0.0166 g/l [OECD 105, 20°C] persistence and degradability: does not apply to inorganic substances; mobility in soil: n.a.; results of PBT and vPvB assessment: does not apply to inorganic substances [25/Q2/5]</p> |
| <p>CAS No.: 67-56-1 EG No.: 200-659-6 Index No.: 603-001-00-X Reg. No. (REACH): 01-2119433307-44-XXXX</p> | <p>methanol acute toxicity, fish: LC50: 15400 mg/l/96h [Lepomis macrochirus]; acute toxicity, daphnia: EC50: >18260 mg/l/48h [Daphnia magna, OECD202]; acute toxicity, algae: EC50: 2200 mg/l/96h [Pseudokirch neriella subcapitata, OECD 201 (Alga, Growth Inhibition Test)]; persistence and degradability: 99 mg/l/28d, easily biodegradable [OECD 301 D (Ready Biodegradability – Closed Bottle Test)]; bioaccumulative potential: BCF: 28400, is not to be expected [Chlorella vulgaris]; results of PBT and vPvB assessment: no PBT substance, no vPvB substance; acute bacteriotoxicity: IC50: >1000 mg/l/3h [activated sludge, OECD 209, Respiration Inhibition Test (Carbon and Ammonium Oxidation)]; other information: [Log Pow: -0.77, low (σ 2.355E-2N/m, 25 °C), DOC: <70%; BOD >60%] [25/Q2/5]</p> |

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13. Disposal considerations

13.1 Waste treatment methods

Waste disposal according to official state regulations.

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| Waste treatment options: 08 04 09 – Waste adhesives and sealants containing organic solvents or other dangerous substances. |
| Contaminated packages: Disposal must be made according to official regulations. If possible empty packaging completely. CH: After complete hardening, product can be disposed of with domestic waste. Packagings that cannot be cleaned are to be disposed off in the same manner as the product. Alternatively, it can be used if necessary following waste code: 15 01 10 – Packing that contains the residues of hazardous materials or is contaminated through hazardous materials. |
| <ul style="list-style-type: none"> The waste code numbers mentioned are recommendations based on the probable use of the product. The particular application and local disposal situation obtaining for the user may lead to other waste codes being assigned as well. Switzerland: Following regulation in the latest valid constitution must be observed: Technical regulation on waste (TVA, SR 814.600), regulation for waste processing (VeVa, SR 814.610) and in the regulation of UVEK concerning lists for handling waste (LVA, SR 814.610.1). |

14. Transport information

14.1 UN-Number:

ADR, RID, ADN, IMDG, IATA: Not applicable

14.2 UN proper shipping name

ADR, RID, ADN, IMDG, IATA: Not applicable

14.3 Transport hazard class(es):

ADR, RID, ADN, IMDG, IATA: Not applicable

14.4 Packing group:

ADR, RID, ADN, IMDG, IATA: Not applicable

14.5 Environmental hazards:

Dangerous to the environment: No / Marine pollutant: No

14.6 Special precautions for user:

Not applicable

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Inapplicable

14.8 Additional information:

| | |
|------------------------|--------------|
| UN „Model Regulation“: | Inapplicable |
|------------------------|--------------|

15. Regulatory information

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

Classification and labelling see section 2. Classification of the preparation has been done by calculation or based on studies/test on the product itself or experience with similar mixtures.

Further national and further regulations, limitations and legal requirements

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| VOC content according to swiss VOC regulation (VOCV) see section 9.2. |
| Water hazard class (WGK) see section 12.1. |
| Chemicals regulation (ChemV), ordinance on chemicals risk reduction (ChemRRV), Luftreinhalte-Verordnung (LRV), Ordinance on protection against major accidents (StFV), professional association principles/industrial medicine regulations |

15.2 Chemical Safety Assessment

A chemical safety assessment is not provided for mixtures.

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16. Other information

Hazards used in the document (H-phrases):

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|---|
| H226 Flammable liquid and vapour |
| H317 May cause an allergic skin reaction. |
| H332 Harmful if inhaled. |

Other recommended sources for more information:

- Federal Office of Public Health (Switzerland): www.bag.admin.ch (German/French/Italian/English)

List of relevant abbreviations that may be used in the document:

| Abbreviation | Full text / Meaning |
|-----------------|--|
| ADR | Accord européen relatif au transport international des marchandises Dangereuses par Route (= European agreement concerning the international carriage of dangerous goods by road) |
| AGW, Spb.-Üf. | AGW = Arbeitsplatzgrenzwert (occupational limit value), Spb.-Üf. = Spitzenbegrenzung (peak limit) – Überschreitungsfaktor (exceedance factor) (1 bis 8) and category (I, II) for short-term values (TRGS 900, germany) |
| AOEL | Acceptable Operator Exposure Level |
| Aquatic Acute | Hazardous to the aquatic environment - Acute |
| Aquatic Chronic | Hazardous to the aquatic environment – Chronic |
| Asp. Tox. | Aspiration hazard (Danger when inhaling) |
| ATE | Acute Toxicity Estimates |
| BAG | Office for health (Bundesamt für Gesundheit, Schweiz) |
| BAT | Biological tolerance values at the workplace (Biologische Arbeitsstofftoleranzwerte, Schweiz) |
| BG | Trade association (Berufsgenossenschaft) |
| BGR | Trade association regulations (Berufsgenossenschaftliche Regeln) |
| BGV | Trade association regulations (Berufsgenossenschaftliche Vorschrift) |
| Carz. | Carcinogenic substance |
| CAS-Nr. | Chemical Abstracts Service |
| CH | Swiss confederation (from the latin Confoederatio Helvetica) |
| CH: MAK: | Swiss limit of maximum allowable concentration, issued by the swiss accident insurance fund. (Schweizerischen Unfallversicherungsanstalt (SUVA)) |
| CLP | Classification, Labelling and Packaing (REGULATION (EG) Nr. 1272/2008) |
| CPID | Chemical Product IDentification. |
| DMEL | Derived Minimum Effect Level |
| DNEL | Derived No Effect Level |
| EG-Nr. | Substances of the EC material inventory, consisting of 7 digits (Syntax: XXX-XXX-X). Comprises waste materials (EINECS), new substances (ELINCS) as well as the No-Longer-Polymers-Liste (NLP-Liste). |
| EINECS | European Inventory of Existing Commercial Chemical Substances |
| ELINCS | European List of Notified Chemical Substances |
| Eye Irrit. | Eye irritant, depending on the category Eye irritation possible to serious eye damage. |
| Flam. Gas | Flammable gas |
| Flam. Liq. | Flammable liquid |
| Flam. Sol. | Flammable solid |
| GHS | Globally Harmonized System of Classification and Labelling of Chemicals |
| IATA | International Air Transport Association |
| IMDG-Code | International Maritime Code for Dangerous Goods |
| Index-Nr. | Indexation of dangerous substances of appendix 5 in the VO(EG)1272/2008 (or annex I of directive 67/548/EWG) with the following syntax: XXX-XXX-XX-X |
| LC | Lethal concentration |
| LD | Lethal (fatal) dose |
| LD50 | Lethal dose, 50% |
| Met. Corr. | On metal corrosive acting substance or mixture |
| Muta. | Substance with germ cell mutagenicity |
| NOAEL | No Observed Adverse Effect Level |
| NOEC | No Observed Effect Concentration |
| NOEL | No Observed Effect Level |
| Ozone | Hazardous for the ozone layer |
| PBT | Persistent, bioaccumulative, and toxic |
| PNEC | Predicted No Effect Concentration |
| REACH | Registration, Evaluation, Authorisation and Restriction of Chemicals (Verordnung (EG) Nr. 1907/2006 zur Registrierung, Bewertung, Zulassung und Beschränkung chemischer Stoffe) |
| Repr. | Reproductive toxicity |
| Resp. Sens. | Sensitising for respiratory tract |
| SCL | Specific concentration limits |
| Skin Irrit. | Skin irritant – corrosive/irritant to skin |
| Skin Sens. | Sensitising for the skin |
| STOT RE | Specific target organ toxicity – repeated exposure |
| STOT SE | Specific target organ toxicity – single exposure |
| TRGS | Technical rules on hazardous substances |
| VOC | Volatile organic compounds |
| VOCV | VOC-regulation (Swiss) |
| vPvB | Very persistent and very bioaccumulative |

Wikoplast®-color

Department issuing data specification sheet: See section 1.3.

This safety data sheet replaces all previous versions.

Disclaimer: The specifications rest on the today's stand of our knowledge. It does not constitute a legally binding assurance of specific product properties.

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