

Safety Data Sheet according to Regulation (EC) No 1907/2006 (and Regulation (EU) No 453/2010)

Print date: 11.09.2018

Version: 1.3

Revision date: 11.09.2018

Replaces version: 1.2

Valid from: 30.05.2015

Page: 1 / 6

Siloperl

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

1.1 Product identifier

Substance name: **Siloperl**

Index-No: -

EG-No: -

CAS-No: -

REACH-No: not liable to registration

Other term: -

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

Relevant identified uses: Coating material- according to technical data sheet and label

Uses advised against: None

1.3 Details of the supplier providing the safety data sheet

Company/Supplier: widu-Farben – Menke GmbH

Street/PO box: Sundernstr. 63 /PF 105

National marking/postal code/town: DE-32130 Enger

Contact point for technical information

Telephone/ Telefax/ E-Mail: +49(0)5224-9908-0/ +49(0)5224-9908-25 / info@widu-farben.de

1.4 Emergency telephone number:

Out of opening hours

Phone an information centre for symptoms of poisoning!

2. Identification of possible hazards

2.1 Classification of the substance or mixture

Classification according to regulation (EC) No 1272/2008, Annex VII (substances): Not a dangerous substance according to GHS.

Classification according to directive 67/548/EEC or Directive 1999/45/EC (substances or mixtures): Not a dangerous substance or mixture.

2.2 Labelling elements

Labelling elements according to regulation (EC) No. 1272/2008 (substances): Not a dangerous substance according to GHS.

Directive 1999/45/EC (Mixtures): The product is no dangerous composition in terms of the regulations 1999/45/EC in their valid version.

Pictogram/ Hazard symbol: -

Signal word / Hazard designation: -

Hazardous components for labelling: none: -

Contains: -

Hazard statements/R phrases: R 52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety instructions/ S phrases: -

Further labelling elements:

EUH210 Safety data sheet available on request

EUH 208 Contains 1,2 Benzisothiazole-3(2H)-on and 2-Octyl-2H-isothiazol-3-om (OIT). May cause allergic reactions.

2.3 Other hazards: Do not eat, drink or smoke during work. Provide good ventilation during application and drying. Breathing protection during airless spraying is recommended. Keep out of the reach of children.

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Version: 1.3

Revision date: 11.09.2018

Replaces version: 1.2

Valid from: 30.05.2015

Page: 2 / 6

Siloperl

3. Composition/information on ingredients

3.1 Substances: -

3.2 Mixture: Contains no dangerous substances according to regulation (EC) No.1907/2006

Declaration according to VdL-guideline 01: Silicone resin paint

Composition: Vinyl-acetate-copolymer-dispersion, silicone-resin emulsion, titanium dioxide, water, calcium carbonate, silicates, pigments, plasticizers, additives, preservatives based on Methyl- and Benzothiazolinone.

4. First aid measures

4.1 Description of first aid measures

General advices

Remove any clothing that has been contaminated with the product immediately. In case of any health disorder get medical advice.

After inhalation

Supply fresh air. In case of irritation of the respiratory system seek medical help.

After skin contact

Wash with water and soap and rinse thoroughly. Do not use any solvents or diluents.

After eye contact

Remove contact lenses. Flush eyes immediately with excess water for at least 15 minutes, lifting lower and upper eyelids occasionally; get medical if necessary

After swallowing

Drink plenty of water in small sips (diluent effect). Avoid vomiting. Seek medical advice immediately and show this container or label.

Most important symptoms and effects, both acute and delayed: None known

4.3 Indication of any immediate medical attention and special treatment needed: No information available.

5. Firefighting measures

5.1 Extinguishing media

Suitable: Non-flammable. Water spray jet, foam (alcohol-resistant), carbon dioxide, powder spray mist (water)

Unsuitable: Full water jet

5.2 Special hazards arising from the substance or mixture

Specific hazards during firefighting: In case of fire a dense, black smoke develops. Inhaling hazardous decomposing products can cause serious health damage. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.

5.3 Instructions for firefighting: Only enter the hazard zone with contained breathing apparatus **Further instructions:** Cool endangered containers with water spray. Defeat evolving vapours with water. Keep quench water away from drains, surface- and ground-water.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures: Regard protection provisions (see chapter 7 and 8).

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Print date: 11.09.2018

Version: 1.3

Revision date: 11.09.2018

Replaces version: 1.2

Valid from: 30.05.2015

Page: 3 / 6

Siloperl

6.2 Environmental precautions: Prevent product and large quantities of contaminated washing water from invading surface waters and soil. Do not allow product to enter the drainage system.

6.3 Methods and material for containment and cleaning up: Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local (see chapter 13). Wash away residue with plenty of water.

6.4 Reference to other sections: See chapter 8 and 13

7. Handling and storage

7.1 Precautions for safe handling

Advice on safe handling: No special technical protective measures required.
For personal protection see section 8.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers: Containers must be closed tightly and stored in a dryly in a cool, well-ventilated place. Store in the original container. Keep out of the reach of children. Protect from frost. Do not store together with food or animal feed.

Storage class: VCI 12

7.3 Specific end use(s): Please follow the technical information of the manufacturer

8. Exposure controls/personal protection

8.1 Control parameters

8.1.1 Community workplace exposure limits and/or biological limit values. Occupational limit value (Germany)

Product does not contain substances with occupational limit value.

8.2 Exposure controls

Personal protective equipment

Breathing protection

During processing the product by painting or rolling, the use of breathing protection is unnecessary.
Don't inhale spray mist when spraying. Use particulate filter P2 (white).

Hand protection

Protective gloves resistant against solvents and acids are recommended. Protective gloves resistant against solvents and acids are recommended. Apply insoluble (greasing) hand protection onto the clean skin and rub on well before processing and after each break.

Eye protection

If there is a risk of splashing, use close fitting safety goggles

Body protection

Protective clothing is recommended.

8.2.3 Environment exposure control measures

Prevent product and large quantities of contaminated washing water from invading surface waters and soil. Do not allow product to enter the drainage system. If the product contaminates rivers and lakes or drains inform respective authorities. Prevent further leakage or spillage if safe to do so.

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Print date: 11.09.2018

Version: 1.3

Revision date: 11.09.2018

Replaces version: 1.2

Valid from: 30.05.2015

Page: 4 / 6

Siloperl

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Aggregate state: liquid

Colour: white

Odour: typical

Odour Threshold: Not relevant

pH: 8 – 8,5

Melting point/freezing point: not determined

Boiling point/boiling range: 100°C

Flash point: not determined

Evaporation rate: Not applicable

Flammability (solid, gas): not determined

Upper explosion limit/ Upper flammability limit: not determined

Lower explosion limit/ Lower flammability limit: not determined

Vapour pressure: 23hPa

Relative vapour density: not determined

Relative density: not determined

Density (20°C): Ca. 1,48 g/cm³

Solubility: in water soluble

Partition coefficient: not determined

n-octanol/water: not determined

Autoignition temperature: not determined

Decomposition temperature: Not applicable

Viscosity, dynamic: Viscous

Explosive properties: Not applicable

Oxidizing properties: Not applicable

9.2 Other information

VOC content: Max. 40 g/l

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

No decomposition if stored and applied as directed.

10.4 Conditions to avoid

Protect from frost, heat and sunlight.

10.5 Incompatible materials

Incompatible with oxidizing agents.

Incompatible with acids and bases.

10.6 Hazardous decomposition products

No decomposition if stored and applied as directed.

In the event of a fire, the following may be produced: carbon monoxide, carbon dioxide and smoke in the form of unburned hydrocarbons.

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Revision date: 11.09.2018

Replaces version: 1.2

Valid from: 30.05.2015

Page: 5 / 6

Siloperl

11. Toxicological information

11.1 Information on toxicological effects

Following impacts of the mixture: Toxicological classification of the preparation was done based on results of the overall computational procedure for classification in regulation (EC) no. 1999/45. Operating experience of the manufacturer shows that no hazards beyond current classification can be expected.

Acute toxicity: Not determined. –With appropriate, cautious handling and application, considering the occupational hygiene measures in production, the product does not cause damage to health when used as described.

Irritation: Prolonged and repeated skin contact may cause skin irritation.

Corrosivity: None

Sensitization: In very rare cases there may be an allergic reaction.

Repeated dose toxicity: Not known.

Carcinogenicity: Not known.

Mutagenicity: Not known.

Reproductive toxicity: Not known.

Symptoms and effects (delayed and chronic) including routes of exposure: Not known.

12. Ecological information: There are no information concerning the preparations available. Make sure that the material cannot leak into the sewage system, waters or soil.

12.1 Toxicity: No data available.

12. Persistence and degradability: No data available.

12.3 Bioaccumulation potential: No data available.

12.4 Mobility in the soil: No data available.

12.5 Results of PBT and vPvB assessment: The product contains no relevant substances classified as persistent, bio accumulative and toxic (PBT) or as very persistent and very bio accumulative (vPvB).

12.6 Other hazardous effects: -

13. Disposal instructions

13.1 Waste treatment methods: Dispose orderly with regard to local regulations. Liquid residues of the substance at collection facilities for old paint and lacquers. Dried up residues can be disposed as household waste or construction waste.

Treatment of contaminated containers: Empty contaminated containers completely. After cleaning with water, they can be recycled. Contaminated containers must be disposed as the product.

Waste code number (Waste Directory Directive AVV): 08 01 12 (Paint and lacquer waste)

Special precautions: -

Relevant EU provisions or other provisions: -

14. Transport information

14.1 UN-number: Not regulated as dangerous good

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Replaces version: 1.2

Valid from: 30.05.2015

Page: 6 / 6

Siloperl

14.2 UN orderly shipping name

ADR/RID: Not regulated as a dangerous good.

IMDG-Code / ICAO-TI / IATA-DGR: Not regulated as a dangerous good.

14.3 Transport hazard class: Not regulated as a dangerous good.

14.4 Packaging group: Not regulated as a dangerous good.

14.5 Environmental hazards: Not regulated as a dangerous good.

Environmentally hazardous substance marking: ADR/RID / IMDG-Code / ICAO-TI / IATA-DGR: Not regulated as a dangerous good.

Marine-pollutant: Not regulated as a dangerous good.

14.6 Special precautions for the user: Not regulated as a dangerous good according to transport regulations.

14.7 Transportation in bulk according to Annex II of MARPOL 73/78 and IBC Code

Pollution category (X, Y or Z): No information available.

Type of ship (1, 2 or 3): No information available.

15. Legislation

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

Code letter and hazard designation of product: No hazard designation.

R-phrases: R 52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-phrases: None

National Regulations

Water hazard class: Class 1 according to VwVwS

VbF class: Not assumed.

EU- regulations:

Information according to EU regulation 2004/42/EC on limitation of emissions of volatile organic compounds due to the use of organic solvents in specific paints and lacquers:

Product category; VOC limit value according to Annex II, Letter A of the regulation:

Category c, Type Wb; VOC limit value of the category in 2010: 40g/l. This product contains max. 40 g/l VOC.

Information on allergies according to EUH 208: This product contains preservatives based on Methyl- and Benzothiazolinone (MIT/BIT) and Octylisothiazolinon for fil preservation. May produce an allergic reaction.

15.2 Chemical safety assessment: A chemical safety assessment for this mixture is unnecessary.

16. Other information

Product code according to Hazardous Substances Information System GISBAU for paints and lacquers (GISCODE): M-SF01F (Silicone resin paint, water-thinnable)

Other information: This mixture does not contain substances of high (SVHC) concern greater/equal 0,1 %. Therefore, according to REACH regulation (EC) No. 1907/2006, there is no exposure scenario needed. End-uses don't have to be defined and safety assessments don't have to be created.

Assessment according to (EC) No. 1272/2008: EUH 208: Contains 1,2-Benzisothiazole-3(2H)-on and 2-Octyl-2H-isothiazol-3-om (OIT). May produce an allergic reaction.

Further information: The statements in our product and safety data sheets are based on our present experiences, however they are no assurance of product properties and do not justify a contractual legal relationship.