

## Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 26.05.2010

Revision: 25.05.2010

**1 Identification of substance****. Product details****. Trade name** CapaSIL Exterior Basis W und CX CapaSIL Exterior**. Application of the substance / the preparation** Coating material**. Manufacturer/Supplier:**

CAPAROL Farben Lacke Bautenschutz GmbH

Roßdörfer Straße 50, 64372 Ober-Ramstadt

Phone: ++49/6154/71-0 Fax: see Informing department

Internet: www.caparol.de

For Eastern Europe: Phone ++49/30/63946-252 Fax ++49/30/63946-400

**. Informing department:**

Material safety data sheet: sds@daw.de

Technical Department/Caparol Division: Phone ++49/6154/71-1710

Fax ++49/6154/71-1351

tech-auskunft@caparol.de

**. Emergency information:** 0049/ (0) 6154/71-202**2 Hazards identification****. Hazard designation:** void**. Information pertaining to particular dangers for man and environment**

Keep out of reach of children. If swallowed, seek medical advice immediately and show the container or label (intestinal bacteria can be affected). Do not empty into drains, water courses or into the ground.

Due to its potassium silicate content, the reaction of silicate based coatings is highly alkaline. Hence protect skin and eyes from paint.

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

**3 Composition/information on ingredients****. Chemical characterization****. Description:** Coating based on potassium silicate, mineral pigments and water**. Dangerous components:**

CAS: 64742-82-1 White spirit &lt; 1%

EINECS: 265-185-4 Xn, N; R 10-51/53-65-66-67

CAS: 886-50-0 terbutryn &lt; 0,01%

EINECS: 212-950-5 N; R 50/53

CAS: 1312-76-1 potassium silicate

**4 First aid measures****. General information**

In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

**. After skin contact**

Remove contaminated clothing. Wash skin thoroughly with soap and water or use a proprietary skin cleaner. Do not use solvents or thinners.

**. After eye contact**

Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart and seek medical advice.

**. After swallowing**

Rinse out mouth and then drink plenty of water.

Call a doctor immediately.

**5 Fire fighting measures****. Suitable extinguishing agents**

The preparation does not burn.

Use fire fighting measures that suit the environment.

**. Protective equipment:** No special measures required.

(Contd. on page 2)

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(Contd. of page 1)

**6 Accidental release measures****. Person-related safety precautions:**

Particular danger of slipping on leaked/spilled product.  
Refer to protective measures listed in sections 7 and 8.

**. Measures for environmental protection:**

Do not allow to enter drains or water courses. If the product con-taminates lakes, rivers or sewages, inform the appropriate authorities in accordance with local regulations.

**. Measures for cleaning/collecting:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

**7 Handling and storage****. Handling****. Information for safe handling:**

No special precautions necessary if used correctly.

**. Information about protection against explosions and fires:**

No special measures required.

**. Storage****. Requirements to be met by storerooms and containers:**

Never use pressure to empty: the container is not a pressure vessel.  
Containers which are opened must be carefully resealed and kept upright to prevent leakage.

**. Information about storage in one common storage facility:**

Do not store together with acids.

**. Further information about storage conditions:** Protect from frost.**8 Exposure controls and personal protection****. Components with critical values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

**. Additional information:**

The lists that were valid during compilation form the basis.

**. Personal protective equipment****. General protective and hygienic measures**

Keep away from foodstuffs, beverages and food.  
Instantly remove any soiled and impregnated garments.  
Wash hands during breaks and at the end of the work.  
Avoid contact with the eyes and skin.

**. Breathing equipment:** Only during spraying without adequate removal by suction.**. Protection of hands:** Alkaline resistant gloves**. Eye protection:** Tightly sealed safety glasses.**9 Physical and chemical properties:****. General Information**

<b>Form:</b>	Fluid
<b>Colour:</b>	White
<b>Smell:</b>	Characteristic

**. Change in condition**

<b>Melting point/Melting range:</b>	Not determined
<b>Boiling point/Boiling range:</b>	100°C (abgeleiteter Wert)

**. Flash point:** Not applicable**. Self-inflammability:** Product is not self-igniting.

(Contd. on page 3)

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(Contd. of page 2)

- . **Danger of explosion:** Product is not explosive.
- . **Density at 20°C** ca. 1,5 g/cm<sup>3</sup> (DN 53217)
- . **Solubility in / Miscibility with Water:** Fully miscible
- . **pH-value at 20°C:** 10 - 11 (abgeleiteter Wert)
- . **Viscosity:** viscous

**10 Stability and reactivity**

- . **Thermal decomposition / conditions to be avoided:**  
No decomposition if used according to specifications.
- . **Materials to be avoided:**
- . **Dangerous reactions**  
Reacts with acids  
Reacts with base metals forming hydrogen
- . **Dangerous products of composition:** No dangerous decomposition products known

**11 Toxicological information**

The product as such has not been tested, but has been classified accordance to the classical methods (calculation accordance to the methods of the regulation covering hazardous material).

- . **Acute toxicity:**
- . **Primary irritant effect:**
- . **on the eye:** Persisting contact with the product may cause irritations.
- . **Additional toxicological information:**  
When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

**12 Ecological information:**

There are no data available on the preparation itself.  
Do not allow into drains, water courses or soil.

- . **Aquatic toxicity:**  
Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**13 Disposal considerations**

- . **Product:**  
To be returned to collection point for old paints.  
May not be dumped with household waste. May not be emptied into drains.
- . **Recommendation**  
Liquid remnants of material should harden and then disposed of as construction site, hardened paints or as household waste.
- . **European waste catalogue**  
08 01 12 waste paint and varnish other than those mentioned in 08 01 11
- . **Uncleaned packagings:**  
Only completely emptied clean containers with hardened remnants should be recycled.
- . **Recommended cleaning agent:** Water, if necessary with cleaning agent.

**14 Transport information**

- . **Land transport ADR/RID and GGVS/GGVE (cross-border/domestic)**
- . **ADR/RID-GGVS/E Class:** -
- . **Maritime transport IMDG/GGVSea:**
- . **IMDG/GGVSea Class:** -

(Contd. on page 4)

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(Contd. of page 3)

- . Air transport ICAO-TI and IATA-DGR:
- . ICAO/IATA Class: -

**15 Regulatory information**

- . **Designation according to EC guidelines:**  
The product has been classified and labelled in accordance with EU Directives / Ordinance on Hazardous Materials (GefStoffV)
- . **Risk phrases:**  
52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- . **Safety phrases:**  
2 Keep out of the reach of children.  
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
28 After contact with skin, wash immediately with plenty of soap and water.  
29 Do not empty into drains.
- . **Special designation of certain preparations:**
- . **Special designation of certain preparations:**  
Protect eyes and skin from splashes.  
If swallowed, seek medical advice immediately to avoid harm to the intestinal bacteria.  
In case of spray application: Do not breathe spray dust.  
The areas adjoining the surface to be coated must be carefully masked, in particular glass, ceramics, enamel/varnish coating, clinkers, natural stones, wood and metals. Wash splashes immediately and completely with plenty of clean water.
- . **National regulations** Product code for laquers and paints: M-SK01 F (Germany)
- . **Water hazard class:**  
Water hazard class 1 (VwVwS): slightly hazardous for water.
- . **Other regulations, limitations and prohibitive regulations**  
German trade association rules - BGR 190 Breathing protection

**16 Other information:**

The information of this MSDS is based on the present state of our knowledge and current EEC and national laws, as the users working conditions are beyond our knowledge and control. The product is not to be used for other purposes other than those specified under section 1 without first obtaining written handling instruction. It is always the responsibility of the user to take all necessary steps in order to fulfil the demand laid down in the local rules and legislation.

The information in this MSDS is meant as a description of the safety requirements of our product: it is not to be considered as a guarantee of the products' properties.

- . **Relevant R-phrases**  
10 Flammable.  
50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
65 Harmful: may cause lung damage if swallowed.  
66 Repeated exposure may cause skin dryness or cracking.  
67 Vapours may cause drowsiness and dizziness.