

## 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** CapaAQUA-ENAMEL Satin Basis W und CX CapaAQUA-ENAMEL Satin

**. 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:**

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

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tech-auskunft@caparol.de

Material safety data sheet: sds@daw.de

**. Emergency information:** 0049/ (0) 6154/71-202

**2 Hazards identification**

**. Hazard designation:** void

**. Information pertaining to particular dangers for man and environment**

The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

**3 Composition/information on ingredients****. Chemical characterization****. Description:**

Water-thinnable polyurethane-/acrylic enamel containing organic/inorganic pigments, water, and a low content of higher alcohols.

**. Dangerous components:**

CAS: 112-34-5 2-(2-butoxyethoxy)ethanol

&gt; 1-2,5%

EINECS: 203-961-6 Xi; R 36

CAS: 1336-21-6 ammonia, aqueous solution

&lt; 0,5%

EINECS: 215-647-6 C, N; R 34-50

**. Additional information** See section 8.

**4 First aid measures**

**. After inhalation** Supply fresh air.

**. 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**

If accidentally swallowed, obtain immediate medical attention. Keep at rest. Do not induce vomiting.

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

alcohol resistant foam, carbon dioxide, powders, water spray

**. Special hazards caused by the material, its products of combustion or flue gases:**

Fire will produce dense black smoke. Exposure to decomposition- products may cause a health hazard.

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**. Protective equipment:**

Appropriate breathing apparatus may be required. Cool closed containers exposed to fire with water.

**6 Accidental release measures**

**. Person-related safety precautions:** Ensure adequate ventilation

**. 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:**

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations. Clean preferably with a detergent; avoid the use of solvents.

**7 Handling and storage**

**. Handling**

**. Information for safe handling:** Use only in well ventilated areas.

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

No special measures required.

**. Storage**

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

Keep packaging tightly closed.

Containers which are opened must be carefully resealed and kept upright to prevent leakage.

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

Store away from foodstuffs.

**. Further information about storage conditions:**

Always keep in container of same material as the original one.

Store between 5 and 20 °C in a dry, well ventilated place away from sources of heat and direct sunlight.

**8 Exposure controls and personal protection**

**. Additional information about design of technical systems:**

No further data; see section 7.

**. Components with critical values that require monitoring at the workplace:**

**57-55-6 propane-1,2-diol**

MAK (Germany) vgl.Abschn.IIb

**112-34-5 2-(2-butoxyethoxy) ethanol**

IOELV (EU) Short-term value: 101,2 mg/m<sup>3</sup>, 15 ppm

Long-term value: 67,5 mg/m<sup>3</sup>, 10 ppm

AGW (Germany) 100 mg/m<sup>3</sup>

1(I);DFG, Y

**. Additional information:**

The lists that were valid during compilation form the basis.

**. Personal protective equipment**

**. Breathing equipment:** Only during spraying without adequate removal by suction.

**. Protection of hands:**

If a repeated or prolonged contact with the product is inevitable, use protective creams for the skin.

**. Eye protection:** Not required.

**9 Physical and chemical properties:**

**. General Information**

**Form:**

Fluid

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**Colour:** White  
**Smell:** Weak, characteristic

- . **Change in condition**  
**Boiling point/Boiling range:** 100°C (abgeleiteter Wert)
- . **Flash point:** > 100°C (abgeleiteter Wert)
- . **Ignition temperature:** > 250°C (abgeleiteter Wert)
- . **Self-inflammability:** Product is not self-igniting.
- . **Critical values for explosion:** Not determined
- . **Density at 20°C** ca. 1,25 g/cm<sup>3</sup> (DIN 53217)
- . **Solubility in / Miscibility with**  
**Water:** miscible
- . **pH-value:** Not determined
- . **Viscosity:**  
**kinematic at 20°C:** ca. 35 s (DIN 53211/8)

**10 Stability and reactivity**

- . **Thermal decomposition / conditions to be avoided:**  
 Stable under recommended storage and handling conditions  
 (See section 7).
- . **Materials to be avoided:**
- . **Dangerous reactions** Void
- . **Dangerous products of composition:**  
 When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide, carbon dioxide and smoke.

**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).

- . **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.

**13 Disposal considerations**

- . **Product:** To be returned to collection point for old paints.
- . **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. Not hardened remnants should be disposed in the same way as the product.

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

**15 Regulatory information**

- . **Designation according to EC guidelines:**  
The product is not subject to identification regulations under EC Directives and the Ordinance on Hazardous Materials (GefStoffV).
- . **Safety phrases:**  
Keep out of reach of children.  
In case of contact with skin and eyes, rinse immediately with plenty of water.  
To provide for good ventilation during and after application.  
In case of spray application: Do not breathe spray dust.  
Do not allow into drains, water courses or soil.
- . **Special designation of certain preparations:**  
Safety data sheet available for professional user on request.
- . **National regulations** Product code for laquers and paints: M-LW01 (Germany)
- . **Water hazard class:**  
Water hazard class 1 (VwVwS): slightly hazardous for water.
- . **Other regulations, limitations and prohibitive regulations**  
German trade association rules - BGR 500 chapters 2.29 processing coating materials.  
German trade association rules - BGR 190 Breathing protection  
German trade association leaflet: A 023 Hand and skin 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**  
34 Causes burns.  
36 Irritating to eyes.  
50 Very toxic to aquatic organisms.