

Safety Data Sheet

according to 1907/2006/EC, Article 31

SWISSPEARL®

Printing date 17.12.2008

EUS-101

Revision: 17.12.2008

1 Identification of the substance/preparation and of the company/undertaking

- **Product details**
- **Trade name:** *Swisspearl Kantenfarbe (VR-0339)*
- **Article number:** VR-0339
- **Application of the substance / the preparation** Paint
- **Manufacturer/Supplier:**
Eternit (Schweiz) AG
Eternitstrasse 3
CH-8867 Niederurnen
Telefon: +41 (0) 55 / 617 14 94
Telefax: +41 (0) 55 / 617 15 44
- **Further information obtainable from:** *jiri.tabacek@eternit.ch*
- **Information in case of emergency:**
Guy's & St Thomas' Poisons Unit
Medical Toxicology Unit
Avonley Road
London SE14 5ER
Telephone: +44 (0)20 7771 5310 (Poisons information service)
Emergency telephone: 0870 243 2241

2 Hazards identification

- **Hazard description:** Not applicable.
- **Information concerning particular hazards for human 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.
- **Classification system:**
The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

3 Composition/information on ingredients

- **Chemical characterization**
- **Description:** Mixture of substances listed below with nonhazardous additions.

- **Dangerous components:**

CAS: 112-07-2 EINECS: 203-933-3 Index number: 607-038-00-2	2-butoxyethyl acetate	☒ Xn; R 20/21	2.5-5%
CAS: 111-76-2 EINECS: 203-905-0 Index number: 603-014-00-0	2-butoxyethanol	☒ Xn, ☒ Xi; R 20/21/22-36/38	1-2.5%
CAS: 1336-21-6 EINECS: 215-647-6 Index number: 007-001-01-2	ammonia	☒ C, ☒ N; R 34-50	≤ 1%

- **Additional information:** For the wording of the listed risk phrases refer to section 16.

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4 First aid measures

- **General information:** No special measures required.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** If symptoms persist consult doctor.

5 Fire-fighting measures

- **Suitable extinguishing agents:**
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Protective equipment:** Mouth respiratory protective device.

6 Accidental release measures

- **Person-related safety precautions:** Ensure adequate ventilation
- **Measures for environmental protection:**
Dilute with plenty of water.
Do not allow to enter sewers/ surface or ground water.
- **Measures for cleaning/collecting:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to item 13.

7 Handling and storage

- **Handling**
- **Information for safe handling:**
Ensure good ventilation/exhaustion at the workplace.
Avoid contact with skin, eyes and clothing.
- **Information about fire - and explosion protection:** No special measures required.
- **Storage**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.

8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **Ingredients with limit values that require monitoring at the workplace:**

112-07-2 2-butoxyethyl acetate (2.5-5%)	
WEL	Short-term value: 50 ppm Long-term value: 20 ppm Sk

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12001-26-2 Mica (1-2.5%)

WEL Long-term value: 10* 0.8** mg/m³
*total inhalable **respirable

111-76-2 2-butoxyethanol (1-2.5%)

WEL Short-term value: 50 ppm
Long-term value: 25 ppm
Sk

- **Additional information:** The lists valid during the making were used as basis.
- **Personal protective equipment:**
- **General protective and hygienic measures:**
The usual precautionary measures are to be adhered to when handling chemicals.
- **Respiratory protection:** Use suitable respiratory protective device in case of insufficient ventilation.
- **Protection of hands:**
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- **Material of gloves**
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- **Penetration time of glove material**
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:**



Tightly sealed goggles

9 Physical and chemical properties· **General Information**

Form: Fluid
Colour: Different according to colouring
Odour: Characteristic

· **Change in condition**

Melting point/Melting range: Undetermined.
Boiling point/Boiling range: 100°C

· **Flash point:** not determined

· **Self-igniting:** Product is not selfigniting.

· **Danger of explosion:** Product does not present an explosion hazard.

· **Vapour pressure at 20°C:** 23 hPa ((berechnet))

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· Density at 20°C:	1.197 g/cm ³
· Solubility in / Miscibility with water:	Fully miscible.
· Solvent content:	
Organic solvents:	5.1 %
Water:	40.5 %
· Solids content:	47.8 %

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Dangerous reactions** No dangerous reactions known.
- **Dangerous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

- **Acute toxicity**
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:**
Splatter can cause eye irritation and/or eye injuries. Follow first aid measures in chapter 4 and seek medical advice in case of complaints.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**
The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

12 Ecological information

- **General notes:**
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

13 Disposal considerations

- **Product**
- **Recommendation:** Recycle or dispose according to local regulations.
- **European waste catalogue**
08 01 11: waste paint and varnish containing organic solvents or other dangerous substances
- **Uncleaned packaging**
- **Recommendation:** Recycle or dispose according to local regulations.

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· **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

14 Transport information

· **Land transport ADR/RID (cross-border)**

· **ADR/RID class:** -

· **Maritime transport IMDG**

· **IMDG Class:** -

· **Marine pollutant:** No

· **Air transport ICAO-TI and IATA-DGR**

· **ICAO/IATA Class:** -

15 Regulatory information

· **Labelling according to EU guidelines:**

Observe the general safety regulations when handling chemicals.

The product has not been classified and marked in accordance with EU Directives / respective national laws.

· **Safety phrases:**

35 This material and its container must be disposed of in a safe way.

· **Special labelling of certain preparations:**

Safety data sheet available for professional user on request.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Relevant R-phrases**

20/21 Harmful by inhalation and in contact with skin.

20/21/22 Harmful by inhalation, in contact with skin and if swallowed.

34 Causes burns.

36/38 Irritating to eyes and skin.

50 Very toxic to aquatic organisms.

· **Contact:** -

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