

Safety Data Sheet
according to 1907/2006/EC, Article 31
EUS-103

SWISSPEARL®

Printing date 17.12.2008

Revision: 17.12.2008

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

- **Product details**
- **Trade name:** LUKO impregnation (VR-0338)
- **Article number:** VR-0338
- **Application of the substance / the preparation** impregnation for borders of fibre cement plates
- **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:** Void
- **Additional information:** For the wording of the listed risk phrases refer to section 16.

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.
Rinse off splashes with water.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** If symptoms persist consult doctor.

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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:**
Do not allow to enter sewers/ surface or ground water.
Dilute with plenty of water.
- **Measures for cleaning/collecting:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **Additional information:** No dangerous substances are released.

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:**
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 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:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

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· **Material of gloves**

Butyl rubber, BR

Fluorocarbon rubber (Viton)

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: | liquid: white as film: transparent |
| Odour: | Characteristic |

· **Change in condition****Melting point/Melting range:** Undetermined.**Boiling point/Boiling range:** Undetermined.· **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· **Density at 20°C:** 1.043 g/cm³· **Solubility in / Miscibility with water:** Fully miscible.· **Solvent content:****Organic solvents:** 0.0 %**Water:** 64.0 %· **Solids content:** 34.0 %**10 Stability and reactivity**· **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.· **Dangerous reactions** No dangerous reactions known.

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- **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.
- **Uncleaned packaging**
- **Recommendation:** Recycle or dispose according to local regulations.
- **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.

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- **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.

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