

Material Safety Data Sheet

According to 91/155 EEC

Printing date 04.04.2007

Reviewed on 21.03.2007

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

Product details

Trade name Eurolan Silikat

Safety data sheet no.: 49PD10385/8

Application of the substance / the preparation

Construction chemicals

Paint

Manufacturer/Supplier:

maxit France s.a.s

4 rue de Mulhouse

Boîte Postale 27

F-68180 Horbourg-Wihr

Tel.: ++33(0)3 89 20 10 80

FAX: ++33(0)3 89 20 10 92

Information in case of emergency:

maxit France s.a.s

Tel.: ++33(0)3 89 20 10 80

2 Composition/information on ingredients

Chemical characterization

Description: Silicate-paint based on alkalisilicate, mineral filling material and additives.

Dangerous components: Void

3 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.

4 First aid measures

General information Immediately remove any clothing soiled by the product.

After inhalation Supply fresh air; consult doctor in case of complaints.

After skin contact

Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

After eye contact

Rinse opened eye for several minutes under running water. Then consult doctor. Rinse liquid should be tempered (20-30°C).

After swallowing Drink plenty of water and provide fresh air. Call for a doctor immediately.

Information for doctor None

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5 Fire fighting measures

Suitable extinguishing agents

Use fire extinguishing methods suitable to surrounding conditions.

Protective equipment: Use methods suitable to surrounding conditions.

6 Accidental release measures

Person-related safety precautions: Wear protective clothing.

Measures for environmental protection:

The product must not get into watercourses or into the soil.

Measures for cleaning/collecting:

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

Additional information: See Section 13 for disposal information.

7 Handling and storage

Handling

Information for safe handling:

Keep away from heat and direct sunlight.

Store in cool, dry place in tightly closed receptacles.

Information about fire - and explosion protection: No special measures required.

Storage

Requirements to be met by storerooms and receptacles:

Store in a cool location.

Store only in unopened original receptacles.

Information about storage in one common storage facility: Store away from foodstuffs.

Further information about storage conditions:

Store in cool, dry conditions in well sealed receptacles.

Protect from frost.

Recommended storage temperature: 5-30°C.

8 Exposure controls and 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 applicable TRGS 900 (MAK list) was used as the basis for the preparation and/or revision of this safety data sheet.

Personal protective equipment:

General protective and hygienic measures:

Immediately remove all soiled and contaminated clothing.

Avoid contact with the eyes and skin.

Wash hands before breaks and at the end of work.

Do not eat or drink while working.

Keep away from foodstuffs, beverages and feed.

Respiratory protection: Not necessary if room is well-ventilated.

Protection of hands:

Protective gloves.

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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

Material of gloves

Rubber 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

Body protection: Protective work clothing.

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

Form:	Fluid
Colour:	According to product specification
Odour:	Characteristic

Change in condition

Melting point/Melting range: 0°C (32°F)

Boiling point/Boiling range: 100°C (212°F) (DIN)

Flash point: Not applicable

Self-igniting: Product is not selfigniting.

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

Density at 20°C (68°F): 1,44 g/cm³ (DIN 51757)

Bulk density: Not applicable.

Solubility in / Miscibility with

Water: Fully miscible

pH-value at 20°C (68°F): 10,0 (DIN 19261)

Viscosity:

dynamic at 20°C (68°F): 1000 mPas (DIN 53019)

kinematic: Not determined.

Solvent separation test: Not applicable.

Solvent content:

Organic solvents: 0,0 %

Additional information: None.

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.

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11 Toxicological information**Acute toxicity:****LD/LC50 values relevant for classification:**

Components	Type	Value	Species
Alkalisilicat, modified, liquid			
Oral	LD50	>2000 mg/kg	(rat)
watery copolymerisat-dispersion based om styrene and a acrylic-acide-ester			
Oral	LD50	>5000 mg/kg	(rat)

Primary irritant effect:**on the skin:** Skin irritation possible due to drying effect.**on the eye:** Causes eye disorders.**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:**Information about elimination (persistence and degradability):****Other information:** The product is difficultly biodegradable.**Ecotoxicological effects:****Acquatic toxicity:**

Type of test	Effective concentration	Method	Assessment
Alkalisilicat, modified, liquid			
EC50/48h	>100 mg/l	(Daphnia magna (großer Wasserfloh))	
LC50/96h	>100 mg/l	(fish)	
watery copolymerisat-dispersion based om styrene and a acrylic-acide-ester			
EC 0	1000 mg/l	(Belebtschlamm)	
LC50/96h	>500 mg/l	(Brachydanio rerio (Zebraabärbling))	

Remark:

The product contains substances which cause a local pH change and thus have a detrimental effect on fish and bacteria.

The product contains substances which causes severe clouding in water

Remark: The product causes a significant pH change. Neutralise before introduction.

General notes:

Do not allow product to reach ground water, water course or sewage system.

13 Disposal considerations**Product:****Recommendation**

After prior treatment product has to be landfilled adhering to the regulations pertaining to the disposal of particularly hazardous waste.

European waste catalogue

Possible waste code. The concrete waste code depends of the source of the waste.

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Uncleaned packaging:**Recommendation:**

Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.

Recommended cleaning agent: Water, if necessary together with cleansing agents.

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:** -

Transport/Additional information: Not dangerous according to the above specifications.

15 Regulatory information**Labelling according to EU guidelines:**

The product is not subject to classification according to the calculation methods of the "General Classification Guideline for Preparations of the EU" as issued in the latest valid version.

Observe the general safety regulations when handling chemicals.

The product is not subject to identification regulations under EC Directives and the Ordinance on Hazardous Materials (GefStoffV).

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.

Department issuing MSDS: Product safety department

Contact: Mr Gilles Weber, Tel.: ++33(0)3 89 20 10 93

*** Data compared to the previous version altered.**