



Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

Version: 1

Language: EN

Revision date: 18.11.2013

1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Silicate White (Silikatweiss)

1.2 Relevant, identified uses of the substance or mixture and uses advised against

Identified uses of the substance or mixture: Wall paint

Not recommended uses of the substance or mixture: Other

1.3 Details of the supplier of the safety data sheet

Manufacturer / Supplier

KREIDEZEIT Naturfarben GmbH

Cassemuehle 3
D 31196 Sehlem

Telephone: +49 (0) 506 0 608 06 50

Fax: +49 (0) 506 0 608 06 80

Information contact

KREIDEZEIT Naturfarben GmbH

Information Telephone: +49 (0) 506 0 608 06 50

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E-mail (competent person): info@kreidezeit.de

Website: www.kreidezeit.de

1.4 Emergency telephone number

Giftinformationszentrum-Nord der Länder Bremen, Hamburg, Niedersachsen und Schleswig-Holstein (GIZ-Nord) Telephone: +49 (0) 551 19 240

1.5 Dept. responsible for information

KREIDEZEIT Naturfarben GmbH

2. Hazards identification

2.1 Classification of the substance or mixture

Regulation (EC) No 1272/2008: -

Directive 67/548/EEC: -

2.2 Label elements

2.2.1 Labelling according to Regulation (EC) No 1272/2008

Hazard pictograms:

Signal word: -

H phrases: -

P phrases: -

2.2.2 Labelling according to Directive 67/548/EEC

Hazard symbols:

-

R phrases:

-

S phrases:

-

2.3 Other hazards

This mixture is classified as not hazardous according to Regulation (EC) 1272/2008 [GHS]. The preparation is not dangerous in the sense of Directive 1999/45/EC.

3. Composition/information on ingredients**3.1 Chemical characterization of the substance or mixture**

Powdered mineral mixtures.

3.2 Composition of the substance or mixture

Substance:	EC-no.:	CAS-No.:	INDEX no.:	REACH-no.:	Concentration:	Classification: EC 1272/2008(CLP):	Classification: 67/548/EEC:
Calcite	215-279-6	1317-65-3			25 - 50 wt-%		
Kaolinite	310-127-6	1332-58-7			10 - 25 wt-%		
Quartz	238-878-4	14808-60-7			10 - 25 wt-%	STOT RE 2; H373	Xn; R48/20
Titanium(IV) oxide	236-675-5	13463-67-7			1 - 10 wt-%		
Talc	238-877-9	14807-96-6			1 - 10 wt-%		

Ingredients with EC exposure limits

Substance:	EC-no.:	CAS-No.:	INDEX no.:	REACH-no.:	Concentration:	Classification: EC 1272/2008(CLP):	Classification: 67/548/EEC:

(The wording of the listed risk phrases is given in Chapter 16)

3.3 Additional information

none

4. First aid measures**4.1 Description of first aid measures**

General information: In case of accident or if you feel unwell, seek medical advice immediately (show safety data sheet if possible).

Following inhalation: Provide fresh air. In case of irritation of the respiratory tract seek medical advice.

After skin contact: No special measures are necessary. In case of skin irritation, seek medical treatment.

Following eye contact: In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Seek medical attention if problems persist.

After ingestion: Rinse mouth immediately and drink large quantities of water. Seek medical attention if problems persist.

Self-protection: No special measures are necessary.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms: No symptoms known up to now.

Nature of Hazard: No risks worthy of mention.

4.3 Indication of any immediate medical attention and special treatment needed

Emergency aid: No special measures are necessary.

Treatment: Treat symptomatically.

5. Fire fighting measures

5.1 General information

Extinguishing materials should be selected according to the surrounding area. The product itself is not combustible.

5.2 Extinguishing media

Suitable: Water fog. High power water jet. Carbon dioxide (CO₂). Foam. Dry extinguishing powder.

Unsuitable: none

5.3 Special hazards arising from the substance or mixture

none

5.4 Advice for fire fighters

Special protective equipment for fire-fighters

In case of fire: Wear self-contained breathing apparatus.

Additional information

none

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

No special measures are necessary.

6.2 Environmental precautions

No special environmental protection measures are necessary.

6.3 Methods and materials for containment and cleaning up

Remove mechanically, placing in appropriate containers for disposal.

6.4 References to other sections

none

7. Handling and storage

7.1 Precautions for safe handling

Information for safe handling

No special precautionary measures are necessary.

Technical measures

No special technical protective measures are necessary.

Precautions against fire and explosion

No special fire protection measures are necessary.

Additional information

none

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

No special technical protective measures are necessary.

Packaging materials

Keep/Store only in original container.

Requirements for storerooms and containers

Keep the packing dry and well sealed to prevent contamination and absorption of dampness.

Information about storing together in storage facility

Keep away from food, drink and animal feedingstuffs.

Further information concerning storage conditions

none

Storage class: 13 Non-combustible solids.

7.3 Specific end use(s)

Observe instructions for use.

8. Exposure controls / personal protection

8.1 Control parameters

8.1.1 Limits for occupational exposure

Exposure limit values

Substance:	CAS-No.:	Source:	Occupational exposure limit value:	Limitation of exposure peaks:	Remark:
-		TRGS 900 (General dust limit value 01/06)	3 mg/m ³ A/ 10 mg/m ³ E	2(II)	AGS

EC exposure limit values

Substance:	CAS-No.:	Source:	Occupational exposure limit value:	Limitation of exposure peaks:	Remark:

8.1.2 DNEL and PNEC values

DNEL-values

Substance:	CAS-No.:	DNEL/DMEL	Industry	Professional	consumer

PNEC-values

Substance:	CAS-No.:	PNEC	Worker, industry	Worker, professional	consumer

8.1.3 Control-Banding

Control-Banding

none

8.1.4 Additional information

AGS: Committee on Hazardous Substances

E: Inhalable fraction

A: respirable fraction

8.2 Exposure controls

Occupational exposure controls

Technical measures and the application of adequate working methods take priority over the use of personal protection equipment.

Chemical handling

Do not eat, drink, smoke or sneeze at the workplace. Wash hands before breaks and at the end of work. Apply skin care products after work. Wash contaminated clothing prior to re-use.

Personal protection equipment

Only wear fitting, comfortable and clean protective clothing.

Respiratory protection

With correct and proper use, and under normal conditions, breathing protection is not required.

Hand protection

Hand protection: not required.

Eye protection

Tightly sealed safety glasses.

Skin protection

Skin protection: not required.

Environmental exposure controls

refer to chapter 7. No further action is necessary.

Consumer exposure controls

refer to chapter 7. No further action is necessary.

8.3 Exposure scenario

none

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

State of matter:	solid
Colour:	white
Odour:	odourless
Odour threshold:	none

Safety relevant basis data

	Parameter	Value	Unit	Remark
Density:				No data available
Package density:				No data available
pH:				No data available
Melting point / range:				No data available
Boiling temperature / range:				No data available
Flash point:				none/none
Flammability:				none/none
Lower flammability limit:				not applicable
Upper flammability limit:				not applicable
Explosion hazard:				not explosive.
Lower explosion limit:				not applicable

Upper explosion limit:	not applicable
Ignition temperature:	none/none
Decomposition temperature:	No data available
Oxidizing characteristics:	Not oxidizing.
Vapour pressure:	not applicable
Relative vapour density:	not applicable
Speed of vaporization/evaporation rate:	not applicable
Solubility in water:	No data available
Fat solubility:	No data available
Solubility in :	not applicable
log P O/W (n-octanol / water):	No data available
Viscosity:	not applicable
Solvent separation test:	No data available
Solvent content:	No data available

9.2 Other information

none

10. Stability and reactivity

10.1 Reactivity

none

10.2 Chemical stability

With proper storage and handling the product is stable.

10.3 Possibility of hazardous reactions

none

10.4 Conditions to avoid

none

10.5 Incompatible materials

none

10.6 Hazardous decomposition products

none

10.7 Additional information

none

11. Toxicological information

11.1 Information on toxicological effects

There are no data available on the mixture itself.

Acute toxicity

Substance:	CAS-No.:	Toxicological information

Specific symptoms in laboratory animals

No information available.

11.2 Irritation and etching

Irritant effect on the skin

Not an irritant.

Irritant effect on the eye

Not an irritant.

Irritant effect on the respiratory tract

Not an irritant.

Etching

not corrosive

11.3 Sensitization

no danger of sensitization.

11.4 Repeated dose toxicity

none

11.5 CMR effects

Carcinogenicity

No indications of human carcinogenicity exist.

Mutagenicity

No indications of human germ cell mutagenicity exist.

Reproductive toxicity

No indications of human reproductive toxicity exist.

11.6 General remarks

none

Practical experience

none

Other observations

none

Additional information

none

12. Ecological information

12.1 Toxicity

There are no data available on the mixture itself.

Eco toxicity

Substance:	CAS-No.:	Ecotoxicity

12.2 Persistence and degradability

The methods for determining the biological degradability are not applicable to inorganic substances.

12.3 Bio accumulative potential

No indication of bio-accumulation potential.

12.4 Mobility in soil

none

12.5 Results of PBT and vPvB assessment

This substance does not meet the criteria for classification as PBT or vPvB.

12.6 Other adverse effects

none

12.7 Further ecological information

none

12.8 Further details

none

13. Disposal considerations

13.1 Waste treatment methods

Appropriate disposal/Product

Waste disposal according to EC Directives 75/442/EEC and 91/689/EEC on waste and hazardous waste in their latest versions.

Appropriate disposal/ packaging

Cleaned containers may be recycled. Handle contaminated packaging in the same way as the substance itself.

Control report for waste code/ waste marking according to EAKV

According to EAKV, allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process.

Waste key product: 08 01 12 - waste paint and varnish other than those mentioned in 08 01 11

Waste key packaging: 15 01 06 - mixed packaging

Remark

Waste disposal according to official state regulations.

14. Transport information

14.1 Overland transport (ADR/RID)

Proper Shipping name

-

-

UN No.: -

Label: -

Packing Group: -

Classification code: -

Remark: Not a hazardous material with respect to these transportation regulations.

14.2 Transport by sea (IMDG)

Proper Shipping name

-

-

UN-No.: -

Label: -

Packing Group: -

EmS-No: -

MFAG: -

Marine pollutant: NO

Special Provisions: Keep away from food, drink and animal feedingstuffs.

Remark: Not a hazardous material with respect to these transportation regulations.

14.3 Air transport (ICAO-TI / IATA-DGR)

Proper Shipping name

-

-

UN/ID-No.: -
Label: - **Packing Group:** -
Remark: Not a hazardous material with respect to these transportation regulations.

14.4 Mail

Not a hazardous material with respect to these transportation regulations.

15. Regulatory information

15.1 Labelling

Hazardous component(s) for labelling

-

Special labelling of particular preparations

Safety data sheet available for professional user on request.

15.2 Safety, health and environmental regulations/legislation specific for the substance or mixture

EU-Regulations

Directive 1999/13/EC on the limitation of emissions of volatile organic compounds (VOC-RL)
none

Regulation (EC) No 2037/2000 on substances that deplete the ozone layer
none

Regulation (EC) No 850/2004 on persistent organic pollutants
none

Regulation (EC) No 689/2008 concerning the export and import of dangerous chemicals
none

Regulation (EC) No 648/2004 (Detergents regulation)
none

Restrictions under Title VIII of Regulation (EC) No 1907/2006
none

National regulations

Moreover, national legislation has to be observed!

Informations on working limitations
none

Major Accidents Ordinance
Not subject to StörfallVO.

Storage class according to VCI
13 Non-combustible solids.

Water Hazard Class according to VwVwS
0 not a water pollutant

Technical Instructions on Air Quality Control (TA-Luft)
Not subject to TA-Luft.

Further regulations, limitations and legal requirements
none

15.3 Chemical safety assessment

For this preparation a chemical safety assessment has been carried out: -

For this substance a chemical safety assessment is not required.

16. Other information

16.1 Wording of the H and R-phrases under paragraph 3

Regulation (EC) No 1272/2008

-

Directive 67/548/EEC

-

16.2 Training instructions

none

16.3 Recommended restrictions of use

refer to chapter 1.

16.4 Further remarks

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

16.5 Documentation of changes

none

16.6 Data sources

Data arise from reference works and literature.

16.7 Key and definition

none
