



# 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

# GekkoSOL Paint

### 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

Information fax: +49 (0) 506 0 608 06 80

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

Website: www.kreidezeit.de

### 1.4 Emergency telephone number

KREIDEZEIT Naturfarben GmbH  
(only during opening time)

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

### 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**

No risks worthy of mention. Please observe the information on the safety data sheet at all times.

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

Pasted 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:
Quartz	238-878-4	14808-60-7			10 - 25 wt-%	STOT RE 2; H373	Xn; R48/20
Cristobalite	238-455-4	14464-46-1			10 - 25 wt-%	STOT RE 2; H373	Xn; R48/20

**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:** Move victim to fresh air. Put victim at rest and keep warm. In case of irregular breathing or respiratory arrest provide artificial respiration. Immediately get medical attention.

**After skin contact:** After contact with skin, wash immediately with plenty of water and soap.

**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 (CO<sub>2</sub>). 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

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## 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

See protective measures under point 7 and 8.

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## 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

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## 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 container tightly closed.

### Information about storing together in storage facility

Keep away from food, drink and animal feedingstuffs.

### Further information concerning storage conditions

none

**Storage class:** 12 non-combustible liquids.

## 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 <sup>3</sup> A/ 10 mg/m <sup>3</sup> 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

none

**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. Respiratory protection required in case of: Dust formation. Suitable respiratory protective equipment: particulates filter device (DIN EN 143).

**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**

<b>State of matter:</b>	Paste
<b>Colour:</b>	white
<b>Odour:</b>	No data available
<b>Odour threshold:</b>	none

**Safety relevant basis data**

	Parameter	Value	Unit	Remark
<b>Density:</b>				No data available
<b>Package density:</b>				No data available
<b>pH:</b>				not applicable
<b>Melting point / range:</b>				No data available
<b>Boiling temperature / range:</b>				No data available
<b>Flash point:</b>				not applicable
<b>Flammability:</b>				not applicable
<b>Lower flammability limit:</b>				not applicable
<b>Upper flammability limit:</b>				not applicable
<b>Explosion hazard:</b>				not explosive.
<b>Lower explosion limit:</b>				not applicable
<b>Upper explosion limit:</b>				not applicable
<b>Ignition temperature:</b>				not applicable
<b>Decomposition temperature:</b>				not applicable
<b>Oxidizing characteristics:</b>				not applicable

Vapour pressure:	not applicable
Relative vapour density:	not applicable
Speed of vaporization/evaporation rate:	not applicable
Solubility in water:	insoluble
Fat solubility:	insoluble
Solubility in Hydrogen fluoride:	easily soluble.
log P O/W (n-octanol / water):	not applicable
Viscosity:	not applicable
Solvent separation test:	not applicable
Solvent content:	not applicable

## 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

No data available

### 10.6 Hazardous decomposition products

none

### 10.7 Additional information

none

## 11. Toxicological information

### 11.1 Information on toxicological effects

The product has no acute toxicological effect.

#### Acute toxicity

Substance:	CAS-No.:	Toxicological information

#### Specific symptoms in laboratory animals

none

### 11.2 Irritation and etching

#### Irritant effect on the skin

Not an irritant.

**Irritant effect on the eye**

mild irritant.

**Irritant effect on the respiratory tract**

mild 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**

The product has no acute ecotoxicological effects.

**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: -

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

Quartz

#### 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**  
12 non-combustible liquids.

**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.

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## 16. Other information

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

#### Regulation (EC) No 1272/2008

373 May cause damage to organs (or state all organs affected, if known) through prolonged or repeated exposure (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).

#### Directive 67/548/EEC

48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.

### 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

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