



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

Rust Protection 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

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

Website: www.kreidezeit.de

1.4 Emergency telephone number

Kreidezeit Naturfarben GmbH
(only during opening times)

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:

Flam. Liq. 3; H226, Skin Irrit. 2; H315, Eye Irrit. 2; H319, Skin Sens. 1; H317, Asp. Tox. 1; H304, Aquatic Chronic. 3; H412

Directive 67/548/EEC:

-; R10, Xi; R36, Xi; R38, -, R43, -, R52, -, R53, Xn; R65

2.2 Label elements

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

Hazard pictograms:



GHS02,GHS08,GHS07

Signal word:	Danger
H phrases:	304 May be fatal if swallowed and enters airways. 317 May cause an allergic skin reaction. 319 Causes serious eye irritation. 412 Harmful to aquatic life with long lasting effects.
P phrases:	240 Ground/bond container and receiving equipment. 241 Use explosion-proof electrical/ventilating/lighting/.?/ equipment. 242 Use only non-sparking tools. 243 Take precautionary measures against static discharge. 261 Avoid breathing dust/fume/gas/mist/vapours/spray. 264 Wash .? thoroughly after handling. 272 Contaminated work clothing should not be allowed out of the workplace. 273 Avoid release to the environment. 280 Wear protective gloves/protective clothing/eye protection/face protection. 301+310 IF SWALLOWED: Immediately call a POISON CENTER/doctor/.?. 302+352 IF ON SKIN: Wash with plenty of water/.?. 303+361+353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. 305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. 321 Specific treatment (see .? on this label). 331 Do NOT induce vomiting. 332+313 If skin irritation occurs: Get medical advice/attention. 333+313 If skin irritation or rash occurs: Get medical advice/attention. 337+313 If eye irritation persists: Get medical advice/attention. 362 Take off contaminated clothing. 363 Wash contaminated clothing before reuse. 370+378 In case of fire: Use .? to extinguish. 403+235 Store in a well-ventilated place. Keep cool. 405 Store locked up. 501 Dispose of contents/container to .?.

2.2.2 Labelling according to Directive 67/548/EEC

Hazard symbols:



R phrases:	Xn Harmful. 10 Flammable. 36/38 Irritating to eyes and skin. 43 May cause sensitization by skin contact. 52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
S phrases:	65 Harmful: may cause lung damage if swallowed. 1/2 Keep locked up and out of the reach of children. 13 Keep away from food, drink and animal feedingstuffs. 20/21 When using do not eat, drink or smoke. 36/37 Wear suitable protective clothing and gloves. 46 If swallowed, seek medical advice immediately and show this container or label. 61 Avoid release to the environment. Refer to special instructions/Safety data sheets. 62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container label.

2.3 Other hazards

See attached safety data sheets and/or usage instructions.

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:
Wood turpentine	232-350-7	8006-64-2	650-002-00-6		10 - 24 wt-%	Flam. Liq. 3; H226 Acute Tox. 4; H332 Acute Tox. 4; H312 Acute Tox. 4; H302 Eye Irrit. 2; H319 Skin Irrit. 2; H315 Skin Sens. 1; H317 Aquatic Chronic. 2; H411 Asp. Tox. 1; H304	-; R10 Xn; R20/21/22 Xi; R36/38 -; R43 N; R51/53 Xn; R65
Cristobalite	238-455-4	14464-46-1			10 - 24 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

Contains only natural minerals.

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. Seek medical attention if problems persist.

After skin contact: After contact with skin, wash immediately with plenty of water and soap. 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. Subsequently consult an ophthalmologist.

After ingestion: Rinse mouth immediately and drink large quantities of water. Immediately get medical attention.

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: Caution if victim vomits: Risk of aspiration! pulmonary oedema. pneumonia.

4.3 Indication of any immediate medical attention and special treatment needed

Emergency aid: Let water be swallowed in little sips (dilution effect).

Treatment: First Aid, decontamination, treatment of symptoms.

5. Fire fighting measures

5.1 General information

Extinguishing materials should be selected according to the surrounding area.

5.2 Extinguishing media

Suitable: Water fog. alcohol resistant foam. Dry extinguishing powder. Carbon dioxide (CO₂).

Unsuitable: High power water jet.

5.3 Special hazards arising from the substance or mixture

Can be released in case of fire: Pyrolysis products, toxic. Carbon dioxide. Carbon monoxide.

5.4 Advice for fire fighters

Special protective equipment for fire-fighters

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

Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment. Guide people to safety. High slip hazard because of leaking or spilled product.

6.2 Environmental precautions

Do not empty into drains or the aquatic environment. Do not allow to enter into soil/subsoil.

6.3 Methods and materials for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the assimilated material according to the section on waste disposal.

6.4 References to other sections

See protective measures under point 7 and 8.

7. Handling and storage

7.1 Precautions for safe handling

Information for safe handling

Avoid contact with skin and eyes.

Technical measures

No special technical protective measures are necessary.

Precautions against fire and explosion

Usual measures for fire prevention.

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

Protect against: moisture.

Storage class: 10 Combustible liquids unless LGK 3A or 3B.

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:

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

none

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

Tested protective gloves are to be worn: German Industry Norms (DIN) / European Norms (EN): DIN EN 374

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: liquid
Colour: dark anthracite
Odour: characteristic
Odour threshold: No data available

Safety relevant basis data

Parameter	Value	Unit	Remark
Density:			No data available
Package density:			not applicable
pH:			not applicable
Melting point / range:			No data available
Boiling temperature / range:			No data available
Flash point:			No data available
Flammability:			No data available
Lower flammability limit:			not applicable
Upper flammability limit:			not applicable
Explosion hazard:			No data available
Lower explosion limit:			not applicable
Upper explosion limit:			not applicable
Ignition temperature:			No data available
Decomposition temperature:			No data available
Oxidizing characteristics:			No data available
Vapour pressure:			No data available
Relative vapour density:			No data available
Speed of vaporization/evaporation rate:			No data available
Solubility in water:			insoluble
Fat solubility:			partially soluble

Solubility in : not applicable
log P O/W (n-octanol / water): No data available
Viscosity: No data available
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

moisture.

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

Data apply to the principal component.

Acute toxicity

Substance:	CAS-No.:	Toxicological information
Wood turpentine	8006-64-2	Acute toxicity, oral LD50: 5760 mg/kg (Rat.)

Specific symptoms in laboratory animals

No information available.

11.2 Irritation and etching

Irritant effect on the skin

irritant.

Irritant effect on the eye

irritant.

Irritant effect on the respiratory tract

Not an irritant.

Etching

not corrosive

11.3 Sensitization

May cause sensitization in susceptible people.

11.4 Repeated dose toxicity

No information available.

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

There are no data available on the preparation/mixture itself.

Practical experience

No information available.

Other observations

none

Additional information

none

12. Ecological information

12.1 Toxicity

Ecological information refers to main component.

Eco toxicity

Substance:	CAS-No.:	Ecotoxicity
Wood turpentine	8006-64-2	Acute daphnia toxicity EC50: 14,1 mg/l

12.2 Persistence and degradability

Product is biodegradable.

12.3 Bio accumulative potential

There are no data available on the mixture itself.

12.4 Mobility in soil

There are no data available on the mixture itself.

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

There are no data available on the mixture itself.

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

PAINT, LIQUID, FLAMMABLE, 23 °C <= FL.P. <= 60 °C, B.P. > 50 °C
TURPENTINE, OIL

UN No.: 1263

Label: 3

Packing Group: III

Classification code: F1

Remark: Special provisions: Limited quantity (LQ): Tunnel restriction code:

14.2 Transport by sea (IMDG)

Proper Shipping name

PAINT, LIQUID, FLAMMABLE, 23 °C <= FL.P. <= 60 °C, B.P. > 50 °C
TURPENTINE, OIL

UN-No.: 1263

Label: 3

Packing Group: III

EmS-No: F-E, S-E

MFAG: 310, 313

Marine pollutant: YES (p)

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

Remark: Special provisions: Limited quantity (LQ):

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

Proper Shipping name

PAINT, LIQUID, FLAMMABLE, 23 °C <= FL.P. <= 60 °C, B.P. > 50 °C
TURPENTINE, OIL

UN/ID-No.: 1263

Label: 3

Packing Group: III

Remark: Limited quantity (LQ):

14.4 Mail

Overland transport (ADR/RID)

15. Regulatory information

15.1 Labelling

Hazardous component(s) for labelling

Wood turpentine; Cristobalite; Iron(III) oxide

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

10 Combustible liquids unless LGK 3A or 3B.

Water Hazard Class according to VwVwS

2 water pollutant (WGK 2)

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 has not been carried out.

16. Other information

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

Regulation (EC) No 1272/2008

- 226 Flammable liquid and vapour.
- 302 Harmful if swallowed.
- 304 May be fatal if swallowed and enters airways.
- 312 Harmful in contact with skin.
- 315 Causes skin irritation.
- 317 May cause an allergic skin reaction.
- 319 Causes serious eye irritation.
- 332 Harmful if inhaled.
- 335 May cause respiratory irritation.
- 372 Causes 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).
- 411 Toxic to aquatic life with long lasting effects.

Directive 67/548/EEC

- 10 Flammable.
- 20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
- 36/37/38 Irritating to eyes, respiratory system and skin.
- 36/38 Irritating to eyes and skin.
- 43 May cause sensitization by skin contact.
- 48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.
- 51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- 65 Harmful: may cause lung damage if swallowed.

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