

Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



58200 China Clay

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Revised edition: 29.01.2021

Version: 1.17

Printed: 16.01.2024

1. Identification of the Substance/Mixture and of the Company/Undertaking

1.1. Product Identifier

Product Name: China Clay

Article No.: 58200

UFI: --

1.2. Relevant identified Uses of the Substance or Mixture and Uses advised against

Identified uses:
Functional filler, plastics, adhesives, fertilizers.
Cosmetics

Uses advised against:

1.3. Details of the Supplier of the Safety Data Sheet (Producer/Importer)

Company: Kremer Pigmente GmbH & Co. KG

Address: Hauptstr. 41-47, 88317 Aichstetten, Germany

Tel./Fax.: Tel +49 7565 914480, Fax +49 7565 1606

Internet: www.kremer-pigmente.com

EMail: info@kremer-pigmente.com

Importer: --

1.4. Emergency No.

Emergency No.: +49 7565 914480 (Mon-Fri 8:00 - 17:00)

1.4.2 Poison Center:

2. Hazards Identification

2.1. Classification of the Substance or Mixture

Classification according to Regulation (EC) No. 1272/2008 (CLP/GHS)

This product does not require classification and labelling as hazardous according to CLP/GHS.

Possible Environmental Effects:

2.2. Label Elements

Classification according to Regulation (EC) No. 1272/2008 (CLP/GHS)

No classification required according to the CLP/GHS guidelines.

Hazard designation:

Not applicable.

Signal word:

Hazard designation:

Safety designation:

Hazardous components for labelling:

2.3. Other Hazards

Product contains less than 1 % of respirable silicic acid

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(*crystalite/quartz*).

3. Composition/Information on Ingredients

3.1. Substance

3.2. Mixture

Chemical Characterization: Kaolin

Information on Components / Hazardous Ingredients:

Kaolin	100 %	CAS-Nr: 1332-58-7 EINECS-Nr: 310-194-1 EC-Nr:
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Additional information:

This product contains less than 1% of respirable silica, and is therefore not classified as harmful.

4. First Aid Measures

4.1. Description of the First Aid Measures

General information:

Take person away from hazardous area.

After inhalation:

*Consult physician if symptoms persist.
Supply fresh air.*

After skin contact:

*Wash with soap and rinse with plenty of water.
Wash contaminated clothing before reuse.*

After eye contact:

Rinse open eye for several minutes under running water. Should irritation continue, seek medical advice.

After ingestion:

*Rinse mouth with plenty of water.
If symptoms persist consult physician.*

4.2. Most important Symptoms and Effects, both Acute and Delayed

Symptoms:

No further information available.

Effects:

No further information available.

4.3. Indication of any Immediate Medical Attention and special Treatment needed

Treatment:

Treat symptomatically.

5. Fire-Fighting Measures

5.1. Extinguishing Media

Suitable extinguishing media:

Product itself does not burn.

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Use extinguishing media for surrounding fire.

Unsuitable extinguishing media:

Water with full jet.

5.2. Special Hazards arising from the Substance or Mixture

Special hazards:

Product is not flammable.

5.3. Advice for Firefighters

Protective equipment:

No special measures required.

Further information:

6. Accidental Release Measures

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

Personal precautions:

Avoid formation of dust, wear protective clothing. Keep spectators away.

Avoid inhalation of dust.

6.2. Environmental Precautions

Environmental precautions:

Prevent contamination of soils, drains and surface water.

6.3. Methods and Material for Containment and Cleaning Up

Methods and material:

Take up mechanically and collect in suitable containers for disposal.

Avoid dust formation.

6.4. Reference to other Sections

Protective clothing, see Section 8.

See Section 13 for information on disposal.

7. Handling and Storage

7.1. Precautions for Safe Handling

Instructions on safe handling:

Avoid formation of dust. Do not inhale dust.

Provide adequate ventilation.

Hygienic measures:

Keep away from foodstuffs and drinks.

Wash hands with soap and water.

Take off contaminated clothing immediately.

7.2. Conditions for Safe Storage, including any Incompatibilities

Storage conditions:

Store in tightly sealed containers in a dry and cool room.

Requirements for storage areas and containers:

No special measures necessary.

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Information on fire and explosion protection:

Follow the usual measures for preventive fire protection.

Storage class:

13; Non combustible solids (TRGS 510)

Further Information:

7.3. Specific End Use(s)

Further information:

No information available.

8. Exposure Controls/Personal Protection

8.1. Parameters to be Controlled

Parameters to be controlled (DE):

Kaolin (1332-58-7): TLV: 0.1 mg/m³ (inhalable fraction)

Parameters to be controlled:

Derived No-Effect Level (DNEL):

Kaolin: 2 mg/m³ (8h, inhalation, long-term exposition)

Predicted No-Effect Concentration (PNEC):

Additional Information:

8.2. Exposure Controls

Technical protective measures:

Provide adequate ventilation/exhaust system.

Personal Protection

General protective measures:

Keep away from foodstuffs and drinks. Do not eat, drink or smoke during work. Wash hands before breaks and at the end of work. Preventive skin protection by applying protective cream.

Respiratory protection:

In case of formation of dust.

Recommended: filter P2

Hand protection:

Protective gloves

The manufacturer's directions for use should be observed because of the great diversity of types.

Protective glove material:

PVC

Eye protection:

Safety glasses with protective shields (EN 166).

Do not wear contact lenses.

Body protection:

Protective clothing.

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Environmental precautions:

*Prevent contamination of open water ways and sewage system.
Avoid contamination of ground water.*

9. Physical and Chemical Properties

9.1. Information on Basic Physical and Chemical Properties

<i>Form:</i>	<i>powder</i>
<i>Color:</i>	<i>white</i>
<i>Odor:</i>	<i>odorless</i>
<i>Odor threshold:</i>	<i>no information available</i>
<i>pH-Value:</i>	<i>4.5 - 6.5</i>
<i>Melting temperature:</i>	<i>> 450°C</i>
<i>Boiling temperature:</i>	<i>not applicable</i>
<i>Flash point:</i>	<i>not applicable</i>
<i>Evaporation rate:</i>	<i>not applicable</i>
<i>Flammability (solid, gas):</i>	<i>not flammable</i>
<i>Upper explosion limit:</i>	<i>no information available</i>
<i>Lower explosion limit:</i>	<i>no information available</i>
<i>Vapor pressure:</i>	<i>not applicable</i>
<i>Vapor density:</i>	<i>No information available.</i>
<i>Density:</i>	<i>1.19 g/cm³</i>
<i>Solubility in water:</i>	<i>insoluble</i>
<i>Coefficient of variation (n-Octanol/Water):</i>	<i>not applicable</i>
<i>Auto-ignition temperature:</i>	<i>No information available.</i>
<i>Decomposition temperature:</i>	<i>No data available.</i>
<i>Viscosity, dynamic:</i>	<i>not applicable</i>
<i>Explosive properties:</i>	

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not applicable

Oxidizing properties:

no information available

Bulk density:

400 kg/m³

9.2. Further Information

Solubility in solvents:

Viscosity, kinematic:

Burning class:

Solvent content:

Solid content:

Particle size:

Other information:

10. Stability and Reactivity

10.1. Reactivity

No decomposition if used according to specifications.

10.2. Chemical Stability

Stable if used according to specifications.

10.3. Possibility of Hazardous Reactions

No information available.

10.4. Conditions to Avoid

Conditions to avoid:

No information available.

Thermal decomposition:

No decomposition if used according to specifications.

10.5. Incompatible Materials

Strong acids and strong bases

10.6. Hazardous Decomposition Products

None known.

10.7. Further Information

11. Toxicological Information

11.1. Information on Hazard Classes as defined in Regulation (EC) No. 1272/2008

Acute Toxicity

LD50, oral:

> 2000 mg/kg (rat)

LD50, dermal:

No information available.

LC50, inhalation:

Inhalation of high concentrations of respirable dust can cause respiratory irritation.

Primary effects

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Irritant effect on skin:

Prolonged/repeated contact may cause defatting of the skin which may cause dermatitis.

Irritant effect on eyes:

The dust particles can cause mechanical irritation.

Inhalation:

Can cause irritation of the respiratory system.

Ingestion:

No information available

Sensitization:

No sensitizing effects known.

Mutagenicity:

No relevant data found.

Reproductive toxicity:

No information available.

Carcinogenicity:

No relevant data found.

Teratogenicity:

No information available.

Specific target organ toxicity (STOT):

No relevant data found.

Aspiration hazard:

No risk of aspiration.

11.2. Information on other Hazards

Frequent or repeated inhalation of airborne quartz powder (crystalline silicate) can cause silicosis.

Harmful by inhalation and if swallowed.

12. Ecological Information

12.1. Aquatic Toxicity

Fish toxicity:

LC50: > 1000 mg/l (96h)

Daphnia toxicity:

EC50: 1 mg/l (48h, Daphnia magna; OECD 202); EC50: 0:08 mg/l (21d, Daphnia magna; OECD 211)

Bacteria toxicity:

No data available.

Algae toxicity:

IC50: > 1000 mg/l (72h)

12.2. Persistency and Degradability

Methods for the evaluation of the biological degradability are not applicable for inorganic substances.

12.3. Bioaccumulation

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No bioaccumulation.

12. 4. Mobility

The product sinks in water and does not dissolve.

12. 5. Results of PBT- und vPvP Assessment

On the basis of available data, the product does not contain any PBT or vPvB substances in percentage greater than 0.1 %.

12. 6. Endocrine Disrupting Properties

This substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated Regulation (EU) No. 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1 % or higher.

12. 7. Other Adverse Effects

Water hazard class:

Not hazardous.

Behaviour in sewage systems:

Further ecological effects:

AOX Value:

13. Disposal Considerations

13. 1. Waste Treatment Methods

Product:

Dispose of product residues according to the waste disposal guidelines 2008/98/EC as well as according to official national and local regulations. Leave chemical in original containers.

European Waste Code (EWC):

According the European Waste Catalogue, the Waste Codes are not product specific, but application specific.

Uncleaned packaging:

Non-contaminated packaging may be recycled.

Waste Code No.:

14. Transport Information

14. 1. UN Number

ADR, IMDG, IATA

14. 2. UN Proper Shipping Name

ADR/RID:

No hazardous goods according to ADR / DOT (US) (land transportation).

IMDG/IATA:

Not hazardous goods

14. 3. Transport Hazard Classes

ADR Class:

not applicable

Hazard no.:

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Classification code:

Tunnel restriction code:

IMDG Class (sea):

not applicable

Hazard no.:

EmS No.:

IATA Class:

not applicable

Hazard no.:

14. 4. Packaging Group

ADR/RID:

not applicable

IMDG:

IATA:

14. 5. Environmental Hazards

None

14. 6. Special Precautions for User

14. 7. Maritime Transport in Bulk according to IMO Instruments

not applicable

14. 8. Further Information

Not classified as a dangerous good under transport regulations.

15. Regulatory Information

15. 1. Safety, Health and Environmental Regulations/Legislation specific for the Substance or Mixture

Water hazard class:

0, not hazardous (German Regulation)

Local regulations on chemical accidents:

Employment restrictions:

Restriction and prohibition of application:

Technical instructions on air quality:

15. 2. Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out for this product.

15. 3. Further Information

Listed in the following inventories:

EINECS: 310-194-1

Exempted from the mandatory REACH Registration (Annex V No. 7)

16. Other Information

This product should be stored, handled and used in accordance with good hygiene practices and in conformity with any legal

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regulations. This information contained herein is based on the present state of knowledge and is intended to describe our product from the point of view of safety requirements. It should be therefore not be construed as guaranteeing specific properties.