

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

Identification of the Product

Product Name: Sepiolite
Article No.: 58945
Use of the Substance/Preparation: Artists' and Restoration Material

Company

Company: Kremer Pigmente GmbH & Co. KG
Address: Hauptstrasse 41-47, D 88317 Aichstetten
Tel/Fax: Tel +49 7565 91120, Fax +49 7565 1606
Internet: www.kremer-pigmente.de, kremer-pigmente@t-online.de
Emergency No.: +49 7565 91120, Mon-Fri 8:00 - 17:00

2. Hazard Identification

Additional information: This pigment is not considered to be hazardous material and does not endanger the environment.
Like with all mineral powders, long-term contact can cause respiratory problems.
Frequent or repeated inhalation of airborne silicate can cause silicosis.

3. Composition/Information on Ingredients

Chemical Characterization: Hydrated magnesium silicate.
Hazardous Ingredients: Quartz, Silica (Xn; R48/20) < 3 %
CAS-Nr: 14808-60-7 EINECS-Nr: 238-878-4 EC-Nr:
Sepiolite > 97 %
CAS-Nr: 63800-37-3 EINECS-Nr: 264-465-3 EC-Nr:

4. First Aid Measures

After inhalation: Remove person to fresh air. In case of complaints consult a physician.
After skin contact: Wash off with water.
After eye contact: Rinse open eyes with plenty of water for at least 15 minutes.
Seek medical attention if irritation persists.
After ingestion: Get medical help.

5. Fire-Fighting Measures

Suitable extinguishing media: Product itself does not burn.
All extinguishing agents suitable.
Protective equipment: No special measures required.

6. Accidental Release Measures

Personal precautions: Avoid dust formation.
Avoid contact with eyes and skin.
Do not inhale dust.

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Environmental precautions:	No special measures required.
Methods of cleaning/absorption:	Clean up mechanically. Avoid dust formation. Clean up with suitable appliance and dispose adequately.

7. Handling and Storage

Handling

Instructions on safe handling:	Provide adequate ventilation.
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Storage

Storage conditions:	Store in tightly sealed containers in a dry and cool room.
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8. Exposure Controls/Personal Protection

Additional information about design of technical systems:	Ensure adequate ventilation, especially in confined areas.
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Components with workplace control parameters (Germany):	Silica, Quartz (8h, TWA): -- ; 0.3 mg/m ³ (respirable dust)
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Personal protective equipment

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 the shift.
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Respiratory protection:	Required in case of insufficient ventilation.
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Hand protection::	Protective gloves
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Eye protection:	Safety glasses with protective shields (EN 166).
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9. Physical and Chemical Properties

Form:	powder
Color:	creme colored
Odor:	odorless
Melting temperature:	1550°C
Boiling temperature:	not applicable
Flash point:	not applicable
Explosion risk:	not applicable
Density:	2.1 (H ₂ O=1)
Solubility in water:	insoluble

10. Stability and Reactivity

Thermal decomposition/Conditions to be avoided:	Stable if used according to specifications.
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Hazardous reactions:	No information available.
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11. Toxicological Information

Primary effects

Irritant effect on skin:	Slight irritant effect.
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Irritant effect on eyes:	Dust may irritate eyes.
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Inhalation:	Slight irritant effect possible
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Chronic toxicity: Classified in category 3 according to IARC (not carcinogenic for humans).

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

12. Ecological Information

Further ecological effects: No ecological problems expected.

Further information

Water hazard class: 0

13. Disposal Considerations

Product: Dispose of according to official national and local regulations.

Uncleaned packaging: Dispose of according to official local regulations.

14. Transport Information

Further information: Not classified as a dangerous good under transport regulations.

15. Regulatory Information

Designation according to EC guidelines: The material is not subject to classification according to EC lists.

Water hazard class: 0, not hazardous

16. Other Information

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