

Material Safety Data Sheet

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



50830 Mother of Pearl, powder

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Revised edition: 10.04.2014

Version: 1

Printed: 19.09.2016

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

1.1. Product Identifier

Product Name: Mother of Pearl, powder

Article No.: 50830

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

Identified uses:

Paint-related material.

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.de

E-Mail: info@kremer-pigmente.de

Importer: --

1.4. Emergency No.

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

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.

Classification according to Directive No. 67/548/EC or No. 1999/45/EC

Safety Phrases:

Possible Environmental Effects:

2.2. Label Elements

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

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

Hazard designation:

Not applicable.

Signal word:

Hazard designation:

Safety designation:

Hazardous components for labelling:

2.3. Other Hazards

Composition/Information on Ingredients

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3.1. Substance

3.2. Mixture

Chemical Characterization:

Information on Components / Hazardous Ingredients:

Natural calcium carbonate (ca. 97 %)

CAS-Nr: 471-34-1

EINECS-Nr: 207-439-9

EC-Nr:

Additional information:

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

4. First Aid Measures

4.1. Description of the First Aid Measures

General information:

Seek medical attention in case of complaints.

After inhalation:

Supply fresh air.

Consult physician if symptoms persist.

After skin contact:

Wash off with water.

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:

No further information available.

5. Fire-Fighting Measures

5.1. Extinguishing Media

Suitable extinguishing media:

Use extinguishing media for surrounding fire.

Unsuitable extinguishing media:

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5.2. Special Hazards arising from the Substance or Mixture

Special hazards:

Product is not flammable.

No special hazards.

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:

Wear protective clothing.

Avoid formation of dust.

6.2. Environmental Precautions

Environmental precautions:

No special measures required.

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.

Hygienic measures:

No further measures, see Section 8.

7.2. Conditions for Safe Storage, including any Incompatibilities

Storage conditions:

Store in tightly sealed containers in a dry room.

Requirements for storage areas and containers:

No special measures necessary.

Information on fire and explosion protection:

No special measures necessary.

Storage class (VCI):

10-13

Further Information:

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7.3. Specific End Use(s)

Further information:

8. Exposure Controls/Personal Protection

8.1. Parameters to be Controlled

General dust limit

Parameters to be controlled (DE):

Parameters to be controlled:

Derived No-Effect Level (DNEL):

No values available.

Predicted No-Effect Concentration (PNEC):

No values available.

Additional Information:

8.2. Exposure Controls

Technical protective measures:

Provide adequate ventilation in case of dust formation.

Personal Protection

General protective measures:

Do not eat, drink or smoke during work.

Respiratory protection:

Dust mask recommended when very dusty (with particle filter P2/P3; EN 143).

Hand protection:

Not required

Protective glove material:

Eye protection:

Not required.

Body protection:

Environmental precautions:

No special measures required.

9. Physical and Chemical Properties

9.1. Information on Basic Physical and Chemical Properties

Form: powder

Color: white-iridescent

Odor: odorless

Odor threshold: No information available.

pH-Value: not available

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Melting temperature:	<i>not determined</i>
Boiling temperature:	<i>not applicable</i>
Flash point:	<i>not combustible</i>
Evaporation rate:	<i>not applicable</i>
Flammability (solid, gas):	<i>non-combustible</i>
Upper explosion limit:	<i>no information available</i>
Lower explosion limit:	<i>no information available</i>
Vapor pressure:	<i>not applicable</i>
Vapor density:	<i>No information available.</i>
Density:	
Solubility in water:	<i>insoluble</i>
Coefficient of variation (n-Octanol/Water):	<i>not applicable</i>
Auto-ignition temperature:	<i>not applicable</i>
Decomposition temperature:	<i>No data available.</i>
Viscosity, dynamic:	<i>not applicable</i>
Explosive properties:	<i>not applicable</i>
Oxidizing properties:	<i>no information available</i>
Bulk density:	

9.2. Further Information

Solubility in solvents:

Viscosity, kinematic

Burning class:

Solvent content:

Solid content:

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Particle size:

Other information:

No further information.

10. Stability and Reactivity

10.1. Reactivity

Stable 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 data available.

10.5. Incompatible Materials

No information available.

10.6. Hazardous Decomposition Products

None if stored and handled according to specifications.

10.7. Further Information

11. Toxicological Information

11.1. Information on Toxicological Effects

No toxicological effects known.

Acute Toxicity

LD50, oral:

LD50, dermal:

LC50, inhalation:

Primary effects

Irritant effect on skin:

Non irritating

Irritant effect on eyes:

Dust may irritate eyes.

Inhalation:

No information available.

Ingestion:

No information available

Sensitization:

No sensitizing effects known.

Mutagenicity:

No relevant data found.

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Reproductive toxicity:

No negative effects.

Carcinogenicity:

No negative effects.

Teratogenicity:

No information available.

Specific target organ toxicity (STOT):

No negative effects.

Additional toxicological information:

12. Ecological Information

12.1. Aquatic Toxicity

No toxicity expected.

Fish toxicity:

Daphnia toxicity:

Bacteria toxicity:

Algae toxicity:

12.2. Persistency and Degradability

No information available.

12.3. Bioaccumulation

Bioaccumulation is not to be expected.

12.4. Mobility

Product is not water soluble.

12.5. Results of PBT- und vPvP Assessment

Not applicable.

12.6. 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 according to official national and local regulations.

European Waste Code (EWC):

Uncleaned packaging:

Uncontaminated packaging may be recycled.

Waste Code No.:

14. Transport Information

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- 14. 1. UN Number**
ADR, IMDG, IATA
- 14. 2. UN Proper Shipping Name**
ADR/RID:
No hazardous goods according to ADR (land transportation).
IMDG/IATA:
No hazardous goods according to IMDG.
- 14. 3. Transport Hazard Classes**
ADR Class:
not applicable
Hazard no.:
Classification code:
Tunnel no.:
IMDG Class (sea):
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**
Not classified as a dangerous good under transport regulations.
- 14. 7. Transportation in Bulk according to Annex II of MARPOL 73/78 and IBC-Code**
not applicable
- 14. 8. Further Information**
-
- 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; Self-assessment)
Local regulations on chemical accidents:
Employment restrictions:
Restriction and prohibition of application:

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Technical instructions on air quality:

15. 2. Chemical Safety Assessment

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

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

15. 3. Further Information

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.