

Safety Data Sheet

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



53185 Phlogopite Mica Amber

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Revised edition: 14.06.2018

Version: 1

Printed: 09.12.2019

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

1.1. Product Identifier

Product Name: Phlogopite Mica Amber

Article No.: 53185

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

Identified uses:

Plastik additives
Additive
Coatings product

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

E-Mail: 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

3. Composition/Information on Ingredients

Substance

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3.1.

3.2. Mixture

This produkt is a mixture.

Chemical Characterization:

Information on Components / Hazardous Ingredients:

Quartz, Silica (STOT RE1, H372)	1.0 - 2.5 %	CAS-Nr: 14808-60-7 EINECS-Nr: 238-878-4 EC-Nr:
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Fluorphlogopite (Mg ₃ K[AlF ₂ O(SiO ₃) ₃]); REACH Reg. No. 01-2119971065-37-XXXX	> 50 %	CAS-Nr: 12003-38-2 EINECS-Nr: 234-426-5 EC-Nr:
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Additional information:

4. First Aid Measures

4.1. Description of the First Aid Measures

General information:

Remove contaminated clothes immediately.

After inhalation:

Supply fresh air. Consult physician if symptoms persist.

After skin contact:

Remove contaminated clothing. Wash off immediately with plenty of water and soap.

After eye contact:

Rinse open eyes with plenty of water for at least 15 minutes.

After ingestion:

Rinse mouth thoroughly with plenty of water and drink plenty of water. Consult a physician.

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

Symptoms:

Effects:

Risk of pneumoconiosis (silicosis)

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

Treatment:

5. Fire-Fighting Measures

5.1. Extinguishing Media

Suitable extinguishing media:

Use extinguishing media for surrounding fire.

Unsuitable extinguishing media:

5.2. Special Hazards arising from the Substance or Mixture

Special hazards:

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*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:

*Ensure adequate ventilation.
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.
Dispose of contaminated material as waste according to section 13.*

6.4. Reference to other Sections

Hazardous substances are not being released.

7. Handling and Storage

7.1. Precautions for Safe Handling

Instructions on safe handling:

No special measures required.

Hygienic measures:

7.2. Conditions for Safe Storage, including any Incompatibilities

Storage conditions:

*Store the product in the original tightly sealed containers in a dry and cool place.
Protect against humidity and water.*

Requirements for storage areas and containers:

Store the product in the original container.

Information on fire and explosion protection:

Product is not combustible.

Storage class:

Further Information:

7.3. Specific End Use(s)

Further information:

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8. Exposure Controls/Personal Protection

8.1. Parameters to be Controlled

Parameters to be controlled (DE):

Quartz, (CAS 14808-60-7), TWA (TRGS 900): 0.15 A mg/m³ (24h; Y; DFG)

Parameters to be controlled:

Derived No-Effect Level (DNEL):

Predicted No-Effect Concentration (PNEC):

Additional Information:

8.2. Exposure Controls

Technical protective measures:

No further measures, see Section 7.

Personal Protection

General protective measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Keep away from foodstuffs and drinks. Do not eat, drink or smoke during work. Wash hands before breaks and at the end of work.

Respiratory protection:

When exposure limits are exceeded.

Hand protection:

Protective gloves. The glove material has to be impermeable and resistant to the product / substance / preparation.

Protective glove material:

Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical resistance of glove material and dexterity. Always seek advice from glove suppliers.

Eye protection:

Tightly fitting safety goggles (EN 166).

Body protection:

Protective clothing.

Environmental precautions:

9. Physical and Chemical Properties

9.1. Information on Basic Physical and Chemical Properties

Form: powder

Color: amber

Odor: odorless

Odor threshold:
not determined

pH-Value: 7 - 8 (100 g/l; 20°C)

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Melting temperature:

not determined

Boiling temperature:

not determined

Flash point:

not applicable

Evaporation rate:

This product is a non-volatile solid.

Flammability (solid, gas):

non-combustible

Upper explosion limit:

not determined

Lower explosion limit:

not determined

Vapor pressure:

not applicable

Vapor density:

Density:

2.7 - 2.9 g/cm³

Solubility in water:

insoluble

Coefficient of variation (n-Octanol/Water):

not determined

Auto-ignition temperature:

not applicable

Decomposition temperature:

not applicable

Viscosity, dynamic:

Explosive properties:

Product does not present an explosion hazard.

Oxidizing properties:

no information available

Bulk density:

400 - 855 kg/m³

9.2. Further Information

Solubility in solvents:

Viscosity, kinematic:

Burning class:

Solvent content:

Solid content:

Particle size:

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Other information:

10. Stability and Reactivity

10.1. Reactivity

Stable if used according to specifications.

10.2. Chemical Stability

Thermal decomposition is possible at high temperatures (>1100° C).

10.3. Possibility of Hazardous Reactions

Unknown.

10.4. Conditions to Avoid

Conditions to avoid:

No further information available.

Thermal decomposition:

10.5. Incompatible Materials

None known.

10.6. Hazardous Decomposition Products

None known.

10.7. Further Information

11. Toxicological Information

11.1. Information on Toxicological Effects

Acute Toxicity

No toxicity expected.

LD50, oral:

LD50, dermal:

LC50, inhalation:

Primary effects

Irritant effect on skin:

Non irritating

Irritant effect on eyes:

Non-irritating to eyes

Inhalation:

No information available.

Ingestion:

No information available

Sensitization:

No sensitizing effects known.

Mutagenicity:

No mutagenic effects known.

Reproductive toxicity:

No reproductive toxicity expected.

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Carcinogenicity:

No relevant data found.

Teratogenicity:

No relevant data found.

Specific target organ toxicity (STOT):

No negative effects.

Additional toxicological information:

No health impairments known or expected when used according to specifications.

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

No information available.

12.4. Mobility

No information available.

12.5. Results of PBT- und vPvP Assessment

This substance is not classified as PBT (persistent, bioaccumulative, toxic), nor as vPvB (very persistent, very bioaccumulative).

12.6. Other Adverse Effects

Water hazard class:

1, slightly hazardous (German Regulation; Self-assessment).

Do not allow undiluted product or large quantities of it to reach ground water, waterways or sewage system.

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):

010000 - WASTE RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL AND CHEMICAL TREATMENT

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OF MINERALS

010400 - Wastes from physical and chemical processing of non-metalliferous minerals

010410 - Dusty and powdery wastes other than those mentioned in 01 04 07

Uncleaned packaging:

Dispose of according to official local regulations.

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 (land transportation).

IMDG/IATA:

14.3. Transport Hazard Classes

ADR Class:

not applicable

Hazard no.:

Classification code:

Tunnel restriction code:

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

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15. Regulatory Information

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

Water hazard class:

1, slightly hazardous for water (German Regulation, self-assessment)

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

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.