

Safety Data Sheet

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



58847 Granite Red, 0.2 - 0.6 mm

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Revised edition: 28.06.2017

Version: 1

Printed: 12.06.2019

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

1.1. Product Identifier

Product Name: Granite Red, 0.2 - 0.6 mm

Article No.: 58847

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

Identified uses:

Construction chemistry, spreading material, colored glass, dry mortar, tar paper, plastics, road construction, concrete construction.

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)

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)

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

The product contains less than 1 % of quartz (fine fraction) as an

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*impurity.
Depending on the type of handling and use, airborne respirable crystalline silica may be generated.
Prolonged and/or massive inhalation of airborne quartz dust may cause lung fibrosis, commonly referred to as silicosis. The symptoms of silicosis are cough and breathlessness.*

3. Composition/Information on Ingredients

3.1. Substance

3.2. Mixture

Chemical Characterization: Natural stone containing feldspar and quartz.

Information on Components / Hazardous Ingredients:

Additional information:

*The product contains less than 1 % of quartz (fine fraction) as an impurity.
Exempted from the mandatory REACH Registration (Annex V No. 7)*

4. First Aid Measures

4.1. Description of the First Aid Measures

General information:

No special measures required.

After inhalation:

Supply fresh air. Consult physician if symptoms persist.

After skin contact:

No special measures required.

After eye contact:

Rinse open eyes with plenty of water. In case of discomfort seek medical help.

After ingestion:

Rinse mouth with plenty of water.

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:

5. Fire-Fighting Measures

5.1. Extinguishing Media

Suitable extinguishing media:

*Product itself does not burn.
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:

No special hazards.

5.3. Advice for Firefighters

Protective equipment:

Wear suitable protective clothing.

Further information:

6. Accidental Release Measures

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

Personal precautions:

Avoid formation of dust, wear protective clothing.

6.2. Environmental Precautions

Environmental precautions:

No special measures required.

6.3. Methods and Material for Containment and Cleaning Up

Methods and material:

Do not clean dry.

Clean up by moistening product to avoid dust formation or use special vacuum cleaner.

6.4. Reference to other Sections

Protective clothing, see Section 8.

7. Handling and Storage

7.1. Precautions for Safe Handling

Instructions on safe handling:

Avoid formation and deposition of dust. Provide adequate ventilation.

Do not swallow or inhale.

Provide adequate ventilation.

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 and cool room.

Requirements for storage areas and containers:

No special measures necessary.

Information on fire and explosion protection:

No special measures necessary.

Storage class:

13; Non combustible solids

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

Parameters to be controlled (DE):

TRGS 900

TLV: 1.25 mg/m³ air-borne fraction (general dust limit)

TLV: 10 mg/m³ inhalable fraction (general dust limit)

Parameters to be controlled:

Derived No-Effect Level (DNEL):

Predicted No-Effect Concentration (PNEC):

Additional Information:

8.2. Exposure Controls

Technical protective measures:

Use appropriate local exhaust ventilation to control airborne levels.

Personal Protection

General protective measures:

Do not inhale dust. Do not eat, drink or smoke while working.

Wash hands before breaks and at the end of work.

Wash contaminated clothes before reuse.

Respiratory protection:

Dust mask recommended when very dusty (with particle filter P1/P2/P3; EN 143).

Hand protection:

Not required

Protective glove material:

Eye protection:

Safety glasses with protective shields (EN 166).

Body protection:

Environmental precautions:

9. Physical and Chemical Properties

9.1. Information on Basic Physical and Chemical Properties

Form: grains

Color: red

Odor: odorless

Odor threshold:

No information available.

pH-Value: 7 (20°C)

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<i>Melting temperature:</i>	<i>not applicable</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>non-combustible</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>2.64 g/cm³ (20°C)</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>	
<i>Oxidizing properties:</i>	<i>none</i>
<i>Bulk density:</i>	<i>not determined</i>

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

Chemically stable.

10.2. Chemical Stability

Stable if used according to specifications.

10.3. Possibility of Hazardous Reactions

None if used according to specifications.

10.4. Conditions to Avoid

Conditions to avoid:

No information available.

Thermal decomposition:

10.5. Incompatible Materials

No information available.

10.6. Hazardous Decomposition Products

None if handled according to specifications.

10.7. Further Information

11. Toxicological Information

11.1. Information on Toxicological Effects

Acute Toxicity

No information available.

LD50, oral:

LD50, dermal:

LC50, inhalation:

Primary effects

Irritant effect on skin:

Irritant effect on eyes:

Inhalation:

Ingestion:

Sensitization:

No relevant data found.

Mutagenicity:

No relevant data found.

Reproductive toxicity:

No information available.

Carcinogenicity:

No relevant data found.

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Teratogenicity:

No information available.

Specific target organ toxicity (STOT):

No relevant data found.

Additional toxicological information:

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

12. Ecological Information

12.1. Aquatic Toxicity

No information available.

Fish toxicity:

Daphnia toxicity:

Bacteria toxicity:

Algae toxicity:

12.2. Persistency and Degradability

No information available.

12.3. Bioaccumulation

Not relevant.

12.4. Mobility

Product is not water soluble.

12.5. Results of PBT- und vPvP Assessment

No data available.

12.6. Other Adverse Effects

Water hazard class:

Behaviour in sewage systems:

Further ecological effects:

Not considered to be environmentally harmful.

AOX Value:

13. Disposal Considerations

13.1. Waste Treatment Methods

Product:

*Product is inert (produced from naturally occurring hard rocks).
Recycle if possible.*

European Waste Code (EWC):

010408 - Waste gravel and crushed rocks other than those mentioned in 010407.

Uncleaned packaging:

Dispose of according to official local regulations.

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 restriction code:
IMDG Class (sea):
Hazard no.:
EmS No.:
IATA Class:
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)

Local regulations on chemical accidents:

Employment restrictions:

Restriction and prohibition of application:

Technical instructions on air quality:

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15.2. Chemical Safety Assessment

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.