

# Safety Data Sheet

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



**58848 Granite Red, 0.5 - 1 mm**

Page 1

Revised edition: 28.06.2017

Version: 1

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

### 1.1. Product Identifier

*Product Name:* Granite Red, 0.5 - 1 mm

*Article No.:* 58848

### 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](http://www.kremer-pigmente.de)

*E-Mail:* [info@kremer-pigmente.de](mailto: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*

*next page: 2*

# Safety Data Sheet

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



**58848 Granite Red, 0.5 - 1 mm**

Page 2

Revised edition: 28.06.2017

Version: 1

Printed: 12.06.2019

---

*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.*

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### 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)*

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### 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:*

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### 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:*

next page: 3

# Safety Data Sheet

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



**58848 Granite Red, 0.5 - 1 mm**

Page 3

Revised edition: 28.06.2017

Version: 1

Printed: 12.06.2019

---

## 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:*

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## 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.*

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## 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:*

next page: 4

# Safety Data Sheet

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



**58848 Granite Red, 0.5 - 1 mm**

Page 4

Revised edition: 28.06.2017

Version: 1

Printed: 12.06.2019

---

## 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):*

TRGS 900

TLV: 1.25 mg/m<sup>3</sup> air-borne fraction (general dust limit)

TLV: 10 mg/m<sup>3</sup> 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:*

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## 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)

next page: 5

# Safety Data Sheet

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



## 58848 Granite Red, 0.5 - 1 mm

Page 5

Revised edition: 28.06.2017

Version: 1

Printed: 12.06.2019

---

<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/cm<sup>3</sup> (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:*

next page: 6

# Safety Data Sheet

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



**58848 Granite Red, 0.5 - 1 mm**

Page 6

Revised edition: 28.06.2017

Version: 1

Printed: 12.06.2019

---

*Particle size:*

*Other information:*

*No further information.*

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## 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

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## 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.*

next page: 7

# Safety Data Sheet

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



**58848 Granite Red, 0.5 - 1 mm**

Page 7

Revised edition: 28.06.2017

Version: 1

Printed: 12.06.2019

---

*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.*

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## 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:*

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## 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.:*

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## 14. Transport Information

next page: 8

# Safety Data Sheet

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



**58848 Granite Red, 0.5 - 1 mm**

Page 8

Revised edition: 28.06.2017

Version: 1

Printed: 12.06.2019

---

**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**

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**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:*

next page: 9



# Safety Data Sheet

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



**58848 Granite Red, 0.5 - 1 mm**

Page 9

Revised edition: 28.06.2017

Version: 1

Printed: 12.06.2019

---

**15.2. Chemical Safety Assessment**

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

**15.3. Further Information**

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**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.*