

# Safety Data Sheet

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



**40503 Red Bole**

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Version: 1

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

### 1.1. Product Identifier

*Product Name:* Red Bole  
*Article No.:* 40503  
*UFI:* --

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

*Identified uses:*  
Coloring agent

*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:

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## 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

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## 3. Composition/Information on Ingredients

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**3.1. Substance**

**3.2. Mixture**

*Chemical Characterization: Natural earth*

*Information on Components / Hazardous Ingredients:*

*Additional information:*

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**4. First Aid Measures**

**4.1. Description of the First Aid Measures**

*General information:*

*No special measures required.*

*After inhalation:*

*No special measures required.*

*After skin contact:*

*Wash off with plenty of water and soap.*

*After eye contact:*

*Rinse eyes with lukewarm water.*

*After ingestion:*

*Drink plenty of water. Get medical help in case of discomfort.*

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

*Symptoms:*

*None known.*

*Effects:*

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

*Treatment:*

*No special first-aid measures necessary.*

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**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:*

*Do not inhale fumes.*

**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**

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*Personal precautions:*

*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.*

**6.4. Reference to other Sections**

*For information for safe handling see Section 7.*

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**7. Handling and Storage**

**7.1. Precautions for Safe Handling**

*Instructions on safe handling:*

*Avoid formation of dust. Do not inhale dust.*

*Hygienic measures:*

*Wash hands with soap and water.*

**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:*

*Do not store together with: foodstuffs, beverages and feed.*

*Storage class:*

*13; Non combustible solids (TRGS 510)*

*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):*

*The general dust limit should be observed.*

*Parameters to be controlled:*

*Derived No-Effect Level (DNEL):*

*Predicted No-Effect Concentration (PNEC):*

*Additional Information:*

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## 8.2. Exposure Controls

*Technical protective measures:*

*Provide adequate ventilation in case of dust formation.*

*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.*

*Respiratory protection:*

*In case of formation of dust.*

*Hand protection:*

*Not required*

*Protective glove material:*

*Eye protection:*

*Safety glasses (EN 166)*

*Body protection:*

*Environmental precautions:*

*No special measures required.*

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## 9. Physical and Chemical Properties

### 9.1. Information on Basic Physical and Chemical Properties

*Form: powder*

*Color: red*

*Odor: odorless*

*Odor threshold:  
no information available*

*pH-Value:  
not determined*

*Melting temperature:  
not applicable*

*Boiling temperature:  
not applicable*

*Flash point:  
not available*

*Evaporation rate:  
not applicable*

*Flammability (solid, gas):  
not available*

*Upper explosion limit:  
no information available*

*Lower explosion limit:  
no information available*

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*Vapor pressure:*

*not applicable*

*Vapor density:*

*No information available.*

*Density:*

*not determined*

*Solubility in water:*

*insoluble*

*Coefficient of variation (n-Octanol/Water):*

*not applicable*

*Auto-ignition temperature:*

*No information available.*

*Decomposition temperature:*

*not applicable*

*Viscosity, dynamic:*

*not available*

*Explosive properties:*

*not available*

*Oxidizing properties:*

*no information available*

*Bulk density:*

*not determined*

### 9.2. Further Information

*Solubility in solvents:*

*Viscosity, kinematic:*

*Burning class:*

*Solvent content:*

*Solid content:*

*Particle size:*

*Other information:*

*No further information.*

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## 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

*Unknown.*

### 10.4. Conditions to Avoid

*Conditions to avoid:*

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*No further information available.*

*Thermal decomposition:*

### 10.5. Incompatible Materials

*No information available.*

### 10.6. Hazardous Decomposition Products

*None if stored and handled according to specifications.*

### 10.7. Further Information

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## 11. Toxicological Information

### 11.1. Information on Hazard Classes as defined in Regulation (EC) No. 1272/2008

*Acute Toxicity*

*No toxicity expected.*

*LD50, oral:*

*LD50, dermal:*

*LC50, inhalation:*

*Primary effects*

*Irritant effect on skin:*

*No irritant effect known.*

*Irritant effect on eyes:*

*No irritant effect known.*

*Inhalation:*

*No information available.*

*Ingestion:*

*No information available*

*Sensitization:*

*No sensitizing effects known.*

*Mutagenicity:*

*No relevant data found.*

*Reproductive toxicity:*

*No relevant data found.*

*Carcinogenicity:*

*No relevant data found.*

*Teratogenicity:*

*No information available.*

*Specific target organ toxicity (STOT):*

*No relevant data found.*

*Aspiration hazard:*

### 11.2. Information on other Hazards

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## 12. Ecological Information

### 12.1. Aquatic Toxicity

*No toxicity expected.*

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*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

*Product is not water soluble.*

### 12.5. Results of PBT- und vPvP Assessment

*No data available.*

### 12.6. Endocrine Disrupting Properties

### 12.7. 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:*

*Product can be taken to a waste disposal site according to local regulations.*

*European Waste Code (EWC):*

*Uncleaned packaging:*

*Non contaminated packaging can either be recycled or utilized for energy (incineration).*

*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 / DOT (US) (land transportation).*

*IMDG/IATA:*

*Not hazardous goods*

### 14.3. Transport Hazard Classes

*ADR Class:*

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*not applicable*

*Hazard no.:*

*Classification code:*

*Tunnel restriction code:*

*IMDG Class (sea):*

*not applicable*

*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. Maritime Transport in Bulk according to IMO Instruments

### 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:*

### 15. 2. Chemical Safety Assessment

*A Chemical Safety Assessment is not necessary for this product.*

### 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.*