



BY APPOINTMENT
TO HER MAJESTY THE QUEEN
MANUFACTURERS OF LEATHER
J. HEWIT & SONS LTD. EDINBURGH

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HEALTH AND SAFETY AND TECHNICAL INFORMATION

RED BOLE

Revision Date - August 2014

Revised edition: 28.07.2014

Material Safety Data Sheet

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

40503 Red Bole

Version: 1

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

1. 1. Product Identifier

Product Name: Red Bole

Article No.: 40503

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

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

EMail: info@kremer-pigmente.de

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 EC Regulation 1272/2008

This product is not classified as hazardous according to the CLP/GHS Directive.

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

The material is not subject to classification according to EC lists.

Safety Phrases:

Possible Environmental Effects:

2. 2. Label Elements

Classification according to EC

Regulation 1272/2008

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

3.

3. 1. Substance

3. 2. Mixture

Chemical Characterization:

Natural earth.

Hazardous Ingredients:

Additional information:

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.

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:

6. Accidental Release Measures

6. 1. Personal Precautions, Protective Equipment and Emergency Procedures

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.

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 (VCI):

13; Non combustible solids.

Further Information:

7. 3. Specific End Use(s)

Further information:

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 (EC):

Derived No-Effect Level (DNEL):

Predicted No-Effect Concentration

(PNEC):

Additional Information: 4

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.

9. Physical and Chemical Properties

9. 1. Information on Basic Physical and Chemical Properties

Form:	powder
Color:	red
Odor:	odourless
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 5
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.*

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: *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

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: *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 data available.*

Reproductive toxicity: *No data available.*

Carcinogenicity *No data available.*

Teratogenicity *No information available.*

Specific target organ toxicity (STOT): *No data available.*

Additional toxicological information:

12. Ecological Information

12. 1. Aquatic Toxicity

No toxicity expected.

Fish toxicity:

Daphnia toxicity:

Bacteria toxicity:

Algae toxicity:

12. 2. Persistence and Degradability

No information available.

12. 3. Bioaccumulation

No information available.

12. 4. Mobility

Insoluble.

12. 5. Results of PBT- und vPvP Assessment

No data available.

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

European Waste Code (EWC):

Uncleaned packaging: *Uncontaminated packaging may be recycled. Completely empty packaging can be disposed of with the regular waste.*

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: *No hazardous goods according to IMDG.*

14. 3. Transport Hazard Classes

ADR Class: *not applicable*

Hazard no.: 8

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

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

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

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.

N.B. To best of our knowledge the information contain herein is accurate. However, neither the above supplier assumes any liability whatsoever for the accuracy or completeness of the information herein Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist