

## **40710 Burnt Umber, Cyprus, brownish**

Edition: 20.03.2003

---

### **1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING**

Product Information:

Product Name: Burnt Umber, Cyprus, brownish  
Article No.: 40710  
Application: Artists' and Restauration Material

Company: Kremer Pigmente GmbH & Co. KG  
Hauptstrasse 41-47, D - 88317 Aichstetten  
Tel. +49 7565 91120 Fax. +49 7565 1606  
www.kremer-pigmente.de, kremer-pigmente@t-online.de

### **2. COMPOSITION / INFORMATION ON INGREDIENTS**

Natural earth, contains manganese oxides.

CAS No.: 11129-60-5  
EINECS No.: 234-378-5

### **3. HAZARD IDENTIFICATION**

Unknown

### **4. FIRST AID MEASURES**

After inhalation: If inhaled, move to fresh air. In case of discomfort get medical help.  
After skin contact: Wash affected skin with soap and water.  
After eye contact: Rinse open eye for several minutes under running water  
After ingestion: Immediately get medical help.

### **5. FIRE-FIGHTING MEASURES**

Suitable extinguishing media: All extinguishing media suitable.

### **6. ACCIDENTAL RELEASE MEASURES**

Person-related safety measures: Clean-up with appropriate personal equipment.  
Environmental protective measures: Not considered to be hazardous to the environment.  
Methods for cleaning up/taking up: Clean up mechanically, avoid dust formation.

## 40710 Burnt Umber, Cyprus, brownish

Edition: 20.03.2003

### 7. HANDLING AND STORAGE

Handling: Avoid formation and deposition of dust - provide good ventilation when handling large quantities - no special measures necessary if stored and handled as prescribed.

Storage: Store in a cool and dry place.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limit(s) :

MAK Value: 10 mg/m<sup>3</sup> (inhalable dust at 8h TWA)  
5 mg/m<sup>3</sup> (respirable dust at 8h TWA)

Respiratory protection: Dust mask recommended when handling large quantities.

Hand protection: Not required.

Eye protection: Safety glasses.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Form: powder  
Color: dark-brown  
Odor: odorless

Changes in physical state:

Melting point/Melting range: not applicable (n.a.)

Boiling point/Boiling range: n.a.

Flash point: n.a.

Inflammability: not inflammable

Danger of explosion: not explosive

Vapour pressure: n.a.

Density: 4.5 - 5.5 g/cm<sup>3</sup>

Bulk density: 400 - 1000 g/l

Solubility: insoluble in water and organic solvents

pH-value: 6 - 7.5

### 10. STABILITY AND REACTIVITY

Thermal decomposition: Above 180°C conversion to Fe<sub>2</sub>O<sub>3</sub>.

Hazardous reactions: None.

### 11. TOXICOLOGICAL INFORMATION

Acute toxicity:

LD50, oral, rat ≥ 5 g/kg

**40710 Burnt Umber, Cyprus, brownish**

Edition: 20.03.2003

---

The mixture of the used pigments are according to today's data non-toxic. Eye contact may cause a slight irritation due to mechanical effects (dust particles). Prolonged use and contact with this product has not caused any damaging effects if handled and used properly.

**12. ECOLOGICAL INFORMATION**

Burnt umber is a natural product and is not considered hazardous to the environment.

**13. DISPOSAL CONSIDERATIONS**

In accordance with current regulations, product may be taken to waste disposal site after consultation with site operator and/or with the responsible authority

**14. TRANSPORT INFORMATION**

No restrictions.

**15. REGULATORY INFORMATION**

Designation according to EC guidelines:      The material is not subject to classification according to the EEC Directive 67/548/EEC.  
It is a natural product.

Water hazard class:      0

**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 therefore not be construed as guaranteeing specific properties.