MATERIAL SAFETY DATA SHEET
conforming to 91/155/EEC

40710   Burnt Umber, Cyprus, brownish

Edition: 20.03.2003

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

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

Company: Kremer Pigmente GmbH & Co. KG
                       Hauptstrasse 41-47, D - 88317 Aichstetten
                       Tel. +49 7565 914480   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.

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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^3 (inhalable dust at 8h TWA)
                           5 mg/m^3 (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^3
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_2O_3.
Hazardous reactions: None.

11.   TOXICOLOGICAL INFORMATION

Acute toxicity:
LD50, oral, rat ≥ 5 g/kg

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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.

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