United Umber Industries
P.O.Box 40342, 6303 Larnaca, CYPRUS

SAFETY DATA SHEET

Raw Micronized Umber No. 460

SECTION 1: Identification of the substance/mixture and of the company/undertaking

Manufacturer: UNITED UMBER INDUSTRIES
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Product Name: Raw Micronized Umber No. 460 Date Revised: 27th January, 2021

Use: Inorganic Pigment

REACH Registration Number: Exempted according to closure 5.7 *(No Chemically Modified)*

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)
Not a hazardous substance or mixture.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)
Not a hazardous substance or mixture.

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher. Handling and/or processing of this material may generate a dust which can cause mechanical irritation of the eyes, skin, nose and throat.

SECTION 3: Composition/information on ingredients

Trade/Material name:	Raw Micronized Umber No. 460
Other Designations :	No.460
CAS Number:	12713-03-0
Chemical composition:	Fe_2O_3 + MnO_2 + SiO_2 + H_2O
	Iron Oxide + Manganite + Silicates + Moisture

SECTION 4: First aid measures

Risk Summary : Skin contact may cause mechanical irritation due to abrasion. Eye contact will result in no specific effects other than general particulate irritation. Not absorbed by the body. Excessive exposure above the TLV can give pulmonary irritation.

Primary entry routs: Inhalation, ingestion.

Acute effects : Inhalation of dust may cause mechanical irritation to the respiratory tract. Skin and eye contact may cause a mechanical abrasion irritation.

Chronic effects : Long term exposure to silica causes silicosis, a form of pulmonary fibrosis. Continued exposure to silica can lead to cardiopulmonary impairment.

First Aid:

Eye Contact: Flush thoroughly with large amounts of water and consult medical help.

Skin Contact: Wash with soap and water.

Inhalation : Remove to fresh air and get medical help for any breathing difficulties.

Ingestion : Consume large amounts of water to induce vomiting and get medical help.

SECTION 5: Fire-fighting measures

Flash point : n.a. Flammable limits : n.a.
Extinguishing media : As appropriate for surrounding combustibles

SECTION 6: Accidental release measures

Spills and leaks: Use respiratory protection. Vacuum or scoop up and dispose in appropriate waste container. Misting spill with water may help to keep airborne dust levels at a minimum.

Waste Disposal : Waste material can be buried in an approved landfill in accordance to local environmental regulations. This product is not classified as a hazardous material.

SECTION 7: Handling and storage

Storage temp.: Ambient.

Average shell life: Unlimited.

Precautions to be taken in handling and storing: Away from food. Store in dry place.

SECTION 8: Exposure controls/personal protection

Respirator : Type 3M or equivalent.

Eye Protection : Safety glasses with side shield or goggles.

Gloves : Cloth, rubber or plastic gloves.

Other protection equipment : Provide adequate exhaust ventilation to meet TLV requirements in the work place. An exhaust filter may be required to avoid environmental contamination.

SECTION 9: Physical and chemical properties

Appearance : Solid Powder Mol. Wt: n.a. MP : n.a.

Vapour Dens. : n.a. Colour : Brown

Bulk density g/l : 460 - 570 B.P.: n.a. Solubility : Insoluble

Volatile % vol : n.a.

SECTION 10: Stability and reactivity

Material is stable

Hazardous decomposition products: none

SECTION 11: Toxicological information

No information available for this product

SECTION 12: Ecological information

No appreciable bio contamination is expected in the environment

SECTION 13: Disposal considerations

Material which cannot be re-used should be disposed in accordance with federal and local environmental control regulations at an authorised site. This product when discarded as sold is not a hazardous waste.

SECTION 14: Transport information

DOT Shipping Name:	None
Technical Shipping Name:	Inorganic Oxide
DOT Hazardous Classification:	Non-Regulated
DOT UN/NA Number:	None
DOT Labels required:	None
DOT Placards required:	None
Freight Class:	Iron Oxide
Harmonized Tariff Number:	2530.90.0015

SECTION 15: Regulatory information

This information is provided in conjunction with the ingredient information of Section 3

EINECS:	All components of this product are on the European Inventory of Existing Commercial Chemical Substances (EINECS)
T.S.C.A.:	This product is listed on TSC Inventory
OSHA:	This product is considered NOT Hazardous by definition of Hazard Communication Standard (29 CRF 1910.1200) due to content of respirable crystalline silica below 0.01%
Canadian WHMIS:	High dust levels may cause skin, eye irritation.
CEPA:	All Components of this product are on the Domestic Substances List (DSL), and acceptable for use under the provisions of CEPA.

SECTION 16: Other information

SDS Revisions:	Rev 4- to conform to CE 1907/2006 (REACH) and further information
Prepared By:	Dr. Evangelos Georgiou, Operations Manager

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27th January, 2021