

**23490 Purple-Red, brownish**

Edition: 21.03.2003

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

Product Information:

Product Name: Purple-Red, brownish  
Article No.: 23490  
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**

Chemical Characterization: Urbino red  
C.I. Pigment red 175

Hazardous component(s): Contains no dangerous substance according to Directive 67/548/EWG

**3. HAZARDS IDENTIFICATION**

Not hazardous.  
Dust explosive (classification 2)

**4. FIRST AID MEASURES**

Further information: In case of complaints, seek medical advise immediately.  
After inhalation: Move to fresh air. In case of complaints, seek medical advice.  
After skin contact: Wash off immediately with soap and plenty of water.  
After eye contact: Rinse immediately with plenty of water.  
After ingestion: Do not induce vomiting. Consult physician.

**5. FIRE-FIGHTING MEASURES**

Suitable extinguishing media: Water spray, foam.  
Unsuitable extin. media: Water jet, carbon dioxide, dry extinguishing powder.  
Special exposure hazards: Thermal decomposition or burning may release oxides of carbon and nitrogen.  
Special protective measures: Wear self-contained breathing apparatus.

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### 6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Do not ingest or inhale. Avoid contact with skin, eyes and clothing.
Environmental precautions:	Prevent contamination of soil, drains and surface waters.
Measures in case of spillage:	Take up mechanically and collect in suitable container for disposal. Avoid dust formation and static discharges.

### 7. HANDLING AND STORAGE

*Handling:*

Spec. fire and expl. precautions: Avoid dust formation. Dust clouds from finely particulated pigments may be hazardous (dust explosion risk). Take precautionary measures against static discharges. Keep away from heat and sources of ignition. Do not smoke.

*Storage:*

Storage conditions:	Keep tightly closed in a dry and cool place.
Technical protective measures:	Provide appropriate exhaust ventilation at places where dust is caused.
Storage class:	11, combustible solids
Storage time:	> 12 months

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limit(s) :	See Other Information, Pos. 16
Workplace hygiene:	Keep away from food and drink. Follow good industrial hygiene practice.
Protective measures:	
- Respiratory protection:	Respiratory protection must be worn if exposed to dust.
- Hand protection:	Protective gloves (nitrile rubber).
- Eye protection:	Wear suitable goggles.
- Skin and body protection:	Handle in accordance with good industrial hygiene and safety practice.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	powder
Color:	red
Odor:	odorless
Melting point/range:	not applicable
Boiling point/range:	not applicable
Flash point:	not determined
Dust explosion class:	2

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Vapour pressure:	not applicable
Density:	1.42 g/cm <sup>3</sup> at 20°C
Water solubility:	insoluble
pH-Value:	approx. 6.5 (neutral)
Viscosity:	not applicable

**10. STABILITY AND REACTIVITY**

Thermal decomposition:	> 350°C
Hazardous reactions:	None if handled and stored according to specifications.
Hazardous decomp. products:	None if handled and stored according to specifications.

**11. TOXICOLOGICAL INFORMATION**

Acute oral toxicity:	LD <sub>50</sub> : > 2000 mg/kg	Species: rat
Skin Irritation acute:	non-irritating	
Eye Irritation acute:	non-irritating	

**12. ECOLOGICAL INFORMATION**

Fish toxicity:	not determined
Daphnia toxicity:	not determined
Bacteria toxicity:	not determined
Algae toxicity:	not determined
Biodegr. in aqueous systems:	Product is not water soluble (was not tested).

**13. DISPOSAL CONSIDERATIONS**

Disposal:	Burning or disposal in accordance with local regulations for chemical waste.
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**14. TRANSPORT INFORMATION**

Transport Railway and Road:	RID/ADR Class: free	UN-No.: free
Transport Air:	IATA Class: free	UN-No.: free
Transport Sea:	IMDG Class: free	UN-No.: free

**15. REGULATORY INFORMATION**

Declaration:	classification not required
Water hazard class:	1, slightly hazardous

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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 therefore not be construed as guaranteeing specific properties.