

23070 Phthalo Blue, reddish

Edition: 27.06.2003

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

Product Information:

Product Name: Phthalo Blue, reddish
Article No.: 23070
Application: Artists' and Restauration Material

Company: Kremer Pigmente GmbH & Co. KG
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2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Characterization: Copper phthalocyanine C.I. Pigment blue 15:6

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

3. HAZARDS IDENTIFICATION

Not hazardous. Dust explosive.

4. FIRST AID MEASURES

Further information: Remove contaminated clothing.
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 for at least 15 minutes.
After ingestion: Rinse mouth and drink plenty of water. Consult physician.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Water spray, foam, dry extinguishing powder.
Unsuitable extinguishing media: Carbon dioxide
Special hazards: Do not release chemically contaminated water into drains, soil or surface water. Sufficient measures must be taken to retain the water used for extinguishing. Dispose of contaminated water and soil according to local regulations.
Special exposure hazards: Avoid dust formation: risk of dust explosion. Thermal decomposition or burning may release oxides of carbon and nitrogen. Formation of other decomposition products possible.
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. Wear protective 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. Prevent product from entering drains.

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.

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 (Particle filter EN 143 Type P2 or comparable) must be worn if exposed to dust.
- Hand protection:	Chemical protective gloves (EN 374), e.g. nitrile rubber (0.4mm), chloroprene rubber (0.5mm), polyvinyl chloride (0.7mm).
- Eye protection:	Wear suitable goggles with side protection (EN 166).
- Skin and body protection:	Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	powder
Color:	blue
Odor:	odorless
Melting point/range:	> 180°C
Boiling point/range:	not applicable
Flash point:	not applicable
Flammability (solid, gas):	not rapidly combustible
Explosion limits:	dust explosive
Vapour pressure:	not applicable
Density:	1.6 g/cm ³ at 22°C
Bulk density:	322 kg/m ³

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Water solubility: insoluble

10. STABILITY AND REACTIVITY

Conditions to avoid: Protect against humidity.
Hazardous reactions: Dust explosive.
Hazardous decomposition products: None if handled and stored accordingly.

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity: LD₅₀: > 6400 mg/kg Species: rat
Skin irritation acute: non-irritating Species: rabbit
Eye irritation acute: non-irritating Species: rabbit

12. ECOLOGICAL INFORMATION

Environmental effects: Product is not water soluble. According to tests carried out with products having similar composition, product is classified as environmentally non hazardous.

13. DISPOSAL CONSIDERATIONS

Disposal: Burning or disposal in accordance with local regulations for chemical waste.

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: 0, not hazardous

16. OTHER INFORMATION

Organically bound chlorine: --

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Metal content (copper): approx. 10.5 %

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.