

1. Identification of the Substance/Preparation and of the Company/Undertaking

Product Identifier

Product Name: Cobalt Violet Dark
Article No.: 45800
Use of the Substance/Preparation: Artists' and Restoration Material

Relevant identified Uses of the Substance or Mixture and Uses advised against

Identified uses: Synthetic pigment for dyeing industrial products.

Details of the Supplier of the Safety Data Sheet

Company: Kremer Pigmente GmbH & Co. KG
Address: Hauptstrasse 41-47, D 88317 Aichstetten
Tel/Fax: Tel +49 7565 914480, Fax +49 7565 1606
Internet: www.kremer-pigmente.de, kremer-pigmente@t-online.de
Emergency No.: +49 7565 914480, Mon-Fri 8:00 - 17:00

2. Hazard Identification

Classification according to EC Regulation No. 67/548 or No.1999/45

Hazard designation: The material is not subject to classification according to EC lists.
Risk Phrases: R43 May cause sensitization by skin contact.
Safety Phrases: S22 Do not breathe dust.

Other Hazards:

Additional information: After eye contact: can cause slight irritation.
After skin contact: can cause slight irritation.
After inhalation: irritation of the respiratory system. Risk of silicosis.

3. Composition/Information on Ingredients

Chemical Characterization: Cobalt phosphate $\text{Co}_3(\text{PO}_4)_2$
C.I. Pigment Violet 14
CAS 13455-36-2
EINECS 236-655-6

4. First Aid Measures

Description of the First Aid Measures

After inhalation: Supply fresh air. Consult physician if symptoms persist.
After skin contact: Wash off with plenty of water and soap. Consult a physician if irritation persists.
After eye contact: Rinse open eye for several minutes under running water. Should irritation continue, seek medical advice.
After ingestion: Do NOT induce vomiting.
Drink plenty of water or milk. Get medical help in case of discomfort.

5. Fire-Fighting Measures

Extinguishing Media

Suitable extinguishing media: Use extinguishing media for surrounding fire.

Special Hazards arising from the Substance or Mixture

Special hazards: Danger of dust explosion.

Advice for Firefighters

Protective equipment: Usual measures for chemical fires.

6. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures

Personal precautions: Wear appropriate protective equipment. Keep spectators away.
Environmental precautions: Prevent contamination of soil, drains and surface waters.
Methods and material for containment and cleaning up: Take up mechanically and collect in suitable containers for disposal. Avoid dust formation.

7. Handling and Storage

Precautions for Safe Handling

Instructions on safe handling: Provide good ventilation and/or exhaust at the workplace. Ensure adequate ventilation. Handle and open container with care.
Wear adequate protective clothing (see para. 8).

Conditions for Safe Storage, including any Incompatibilities

Storage conditions: Store in tightly sealed containers in a dry room.

8. Exposure Controls/Personal Protection

Technical protective measures: Provide adequate ventilation.
Parameters to be controlled (DE): TWA-Value: 10 mg/m³ general dust limit inhalable fraction (8h)
TWA-Value: 4 mg/m³ Total respirable dust.

Personal Protective Equipment

General protective measures: Keep away from foodstuffs and drinks. Do not eat, drink or smoke during work. Wash hands before breaks and at the end of work.
Respiratory protection: Required in case of insufficient ventilation.
Hand protection: In case of prolonged contact: Recommended
Eye protection: Tightly fitting safety goggles.

9. Physical and Chemical Properties

Information on Basic Physical and Chemical Properties

Form: powder
Color: violet
Odor: odorless
Odor threshold: No information available.
Melting temperature: not available
Boiling temperature: not applicable
Flash point: not available
Evaporation rate: No information available.
Density: 3 - 5 g/cm³
Bulk density: 3.8 kg/l

Solubility in water:	insoluble
pH-Value:	7 - 8
Viscosity dynamic:	not applicable
Coefficient of variation (n-Octanol/Water):	no information available

10. Stability and Reactivity

Reactivity:	Stable if used according to specifications.
Chemical stability:	Stable if used according to specifications.
Hazardous reactions:	No hazardous polymerisation takes place.
Conditions to avoid:	No further information available.
Incompatible materials:	No information available.

11. Toxicological Information

Acute Toxicity

LD50, oral: > 1500 mg/kg (rat)

Primary effects

Irritant effect on skin:	Slight irritant effect.
Irritant effect on eyes:	Slight irritant effect
Cancerogenity:	No data available.
Specific target organ toxicity (STOT):	No data available.

Further toxicological effects: Inhalation: Excessive and prolonged exposure may result in damage to the lungs.

12. Ecological Information

Persistency and Degradability:	No information available.
Bioaccumulation:	No information available.
Mobility:	The product is not soluble in water.
Further ecological effects:	The product is not soluble in water. No negative effects expected.
Results of PBT and vPvB assessment:	No data available.

Further information

Water hazard class: 0

13. Disposal Considerations

Waste Treatment Methods

Product:	Dispose of according to official national and local regulations.
Uncleaned packaging:	Dispose of according to official local regulations.

14. Transport Information

Further information:

Further Information: Not classified as a dangerous good under transport regulations.

15. Regulatory Information

Safety, Health and Environmental Regulations/Legislation specific for the Substance or Mixture

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Water hazard class: 0, not hazardous

Chemical Safety Assessment

Chemical safety assessment: No information available.

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 be therefore not be construed as guaranteeing specific properties.