

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Supplier details: KREMER PIGMENTE
 Hauptstrasse 41-47
 D - 88317 Aichstetten
 Tel. (...49) 7565-1011 / 91120 FAX: 1606

2. COMPOSITION/INFORMATION ON INGREDIENTS

Cobalt Zinc Silicate Blue Phenacite

Component	CAS #	EINECS#	% of Composition
C.I. Pigment Blue 74	68412-74-8	270-208-6	100

3. HAZARDS IDENTIFICATION

Inhalation: Excessive exposure may cause symptoms of chronic lung disease
Ingestion: the Product is of low solubility in body fluids and it is likely to be of low acute toxicity.
Eyes : May cause physical irritation and inflammation
Skin : The material is not a primary irritant, but as with any abrasive powder it may give rise to minor irritation.

4. FIRST AID MEASURES

After Inhalation: Remove patient to fresh air, loosen clothing and seek medical attention.
After Skin Contact: Wash affected areas with water
After Eye Contact: Wash immediately with copious amounts of water
After Ingestion: Do not induce vomiting, seek medical advice.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:
Suitable for surrounding fire conditions.
Special exposure hazard: none
Personal protective equipment: Self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Leaks & spills : Use suitable vacuum equipment where reasonably practicable otherwise damp down and scoop into a receptacle.
Personal protective equipment: Respiratory protective equipment

7. HANDLING AND STORAGE

Handling: Do not eat, drink, or smoke in areas where the material is used. Wash thoroughly after handling.
Storage : Store in a dry area.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Adequate ventilation should be provided so that Occupational Exposure Standards are not exceeded. Local exhaust ventilation is normally recommended.
PERSONAL PROTECTIVE EQUIPMENT: Where Local Exhaust Ventilation is not practicable, and exposure is likely to be excessive, approved respiratory protection conforming to CEN standards prEN 140,142,143, or 149 should be worn. Protective gloves and overalls are recommended for prolonged contact.

TRADE NAME: 45700 Cobalt Blue Dark 01/96

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance / odour : Blue, odourless powder.
Explosive properties: non-explosive
Oxidizing properties: non-oxidizing.
Specific gravity : 3 - 5
pH value : 7 (Insoluble in water)

10. STABILITY AND REACTIVITY

Chemical stability: The material is stable.
Conditions/Materials to avoid: none known
Hazardous decomposition or polymerization products: none

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity	LD50 Oral	> 200 mg/kg
	LD50 Dermal	Not known
	LC50 Inhalation	not known

Health effects: Prolonged or repeated exposure above occupational exposure limits may cause fibrosis of the lungs.

12. ECOLOGICAL INFORMATION

Ecotoxic effect / Persistence: Not known

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with current waste Disposal Regulations (for U.K.- Control of Pollution (Special Waste) Regulations 1980).
Landfill is the most appropriate method.

14. TRANSPORT INFORMATION

U.N. /S.I. No.	Not classified.
U.N. Class	Not classified
Packing group	Not classified
Road: - U.K.	Not classified
ADR	Not classified
Sea: I.M.O.	Not classified
Air: I.C.A.O	Not classified

15. REGULATORY INFORMATION

Dangerous Substances Directive 67/548/EEC:
EC Supply labelling: Harmful
R-Phrases: R 20 Harmful by inhalation
S-Phrases: S 13 Keep away from food, drink and animal feeding stuffs.
S 22 Do not breathe dust.
Occupational exposure limits (U.K) * : -
Cobalt and compounds (as Co) 0.1 mg/m³ 8 hr (T.W.A.)
* Refer to latest edition of H.S.E. Guidance Note EH40.

16. OTHER INFORMATION

This information, which describes our product with regard to possible safety requirements, is based on the present state of our knowledge and experience. It is given in good faith but no warranty expressed or implied with respect to the quality and properties of our product is made.