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SAFETY DATA SHEET .

1. Identification of Preparation

Trade Name : B.137.Delft Blue.
Chemical Name : Cobalt silicate.
Supplier : W. G. Ball Limited

2. Composition

	C.A.S. No.	% of Composition
C.I.Pigment Blue 73.	68187-40-6*	100.0

3. Health Hazards

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. Some cobalt compounds have been known to produce dermatitis and sensitisation.

4. First Aid Measures

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

5. Fire Fighting Measures

Extinguishing Media : Suitable for surrounding fire conditions.
Special Exposure Hazard: In the event of fire, the product may emit harmful or toxic fumes.
Personal Protective Equipment: Self contained breathing apparatus.

6. Accidental Release Measures

Leaks and Spills : Use suitable vacuum equipment where practicable, otherwise damp down and scoop into a container.

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 Protective Equipment

Engineering Controls : Adequate ventilation should be provided so that occupational exposure limits are not exceeded. Local exhaust ventilation is normally recommended.

Personal Protective Equipment: Where L.E.V. is not practicable and exposure is likely to be excessive, approved respiratory protection conforming to CEN standards EN 140,141,143 or 149 should be worn.

Protective gloves and overalls are recommended for prolonged contact.

9. Physical & Chemical Properties

Appearance & Odour	:	Blue, odourless powder.
Flash Point	:	Not applicable.
Flammability	:	Does not support combustion.
Explosive Properties	:	Non explosive.
Oxidising Properties	:	None.
Specific Gravity	:	N.A.
Solubility	:	Insoluble.
Melting Point	:	N.A.

10. Stability and Reactivity

Chemical Stability	:	The material is stable.
Conditions/Materials to Avoid:		None known.
Hazardous Decomposition Products	:	None known.
Hazardous Polymerization Products	:	None.

11. Toxicological Information

Health Effects: The product is likely to be of low toxicity.

12. Ecological Information

Ecotoxicity	:	Not known.
Persistence	:	Not known.

13. Disposal

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.
A.D.R.	:	Not classified.
Sea:- I.M.O.	:	Not classified.
Air:- I.C.A.O.	:	Not classified.

15. Regulatory Information

E.C. Supply Labelling	:	Powder Product.- Harmful.Xn
R-Phrases	:	R20/22: Harmful by inhalation and if swallowed. R43: May cause sensitisation by skin contact.
S-Phrases	:	S13: Keep away from food, drink and animal feeding stuffs. S20/21: When using do not eat, drink or smoke.
U. K. Occupational Exposure Limits:	mg/m ³ 8 hr TWA.	% in product.
Cobalt compounds (as Co)	0.1	48.00

16. Other Information