



# CLAYMAN

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## SAFETY DATA SHEET

3173	TURQUOISE BLUE MULTI-COLOUR
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<b>1. Identification of substance/preparation and of the company undertaking</b>	
Trade Name:	Turquoise Blue Multi-Colour
Chemical Name:	Zircon Vanadium Blue

<b>2. Composition /information on ingredients</b>		
Component	CAS	% of composition
C.I. Pigment Blue 71	68186-95-8	100

<b>3. Hazards Identification</b>	
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.

<b>4. First Aid Measures</b>	
Inhalation	Remove patient to fresh air, loosen clothing and 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.

<b>5. Fire Fighting Hazards</b>	
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.

<b>6. Accidental Release Measure</b>	
Leaks & spills	Use suitable vacuum equipment where practicable, otherwise damp down and scoop into container.
Personal protective equipment	Respiratory protective equipment.



<b>7. Handling &amp; Storage</b>	
Handling	Do not eat, drink or smoke in areas where the material is used. Wash thoroughly after handling.
Storage	Store in a dry area.

<b>8. Exposure Control/Personal Protection</b>	
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 pr EN140, 141, 143 or 149 should be worn. Protective gloves and overalls are recommended for prolonged contact.

<b>9. Physical &amp; Chemical Properties</b>	
Appearance and odour	Blue Powder, odourless
Flash Point	N.A.
Flammability	Inflammable
Explosive Properties	None explosive
Oxidising Properties	None
Specific Gravity	N.A.
Solubility	Insoluble
Melting Point	N.A.

<b>10. Stability &amp; Reactivity</b>	
Chemical Stability	Stable
Conditions/ Materials to avoid	None Known
Hazardous decomposition products	None Known
Hazardous Polymerisation products	None

<b>11. Toxicological Information</b>	
Prolonged or repeated exposure above Occupational Exposure Standards may cause lung or kidney damage.	

<b>12. Ecological Information</b>	
Ecotoxicity	Not Known
Persistence	Not Known

<b>13. Disposal Considerations</b>	
Disposal 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		
UN/ SI. No.		
UN Class		Not Classified
Packing Group		Not Classified
Road	UK	Not Classified
	ADR	Not Classified
Sea	IMO	Not Classified
Air	ICAO	Not Classified

15. Regulatory Information		
EC Supply Labelling		
R Phrases	HARMFUL Xn	
	R20/ 22	Harmful by inhalation and if swallowed.
	R33	Danger of cumulative effects.
S Phrases	S13	Keep away from food, drink and animal feeding stuffs.
	S20/21	When using do not eat, drink or smoke.
	S28	After contact with skin, wash immediately with plenty of soap and water.
UK Occupational Exposure Limits		
Barium compounds (as Ba)	Mg/m <sup>3</sup>	% in product
	0.5	1.5
<p>In accordance with HSE Approved Code of Practice for CHIP, the recipient is reminded of their obligations under both the Health and Safety at Work Act (HSWA) and the Control of Substances Hazardous to Health Regulations (COSHH), and that the information in any safety data sheet does not constitute the user's assessment of workplace risk.</p>		

16. Other Information	
References	
COSHH ACOP	HSC approved Code of Practice for the Control of Substances Hazardous to Health Regulations 1994.
CHIP 96	Chemicals (Hazard Information and Packaging for Supply) Regulations 1996
CHIP SDS ACOPS	HSC Approved Code of Practice for Safety data Sheets in accordance with regulation 6 of the CHIP regulations.
HSE EH40	HSE Guidance note EH40 on Occupational Exposure Limits to be used in conjunction with the COSHH regulations.