

Safety Data Sheet

Cobalt Green Deep - 508



according to 1907/2006/EC as revised by 453/2010/EC

Feb-20

1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade names	Cobalt Green Deep
Chemical Name	Cobalt Zinc Pigment.
CAS Number	8011-87-8.

1.2 Relevant identified uses of the substance or mixture and uses advised against

Artists Pigment.

1.3 Details of the supplier of the safety data sheet

Michael Harding Art Formulas LTD
Unit K Springvale Ind Est
Cwmbran
Torfaen
NP44 5BE

Tel: +44(0)1633484700
Email: accounts@michaelharding.co.uk

1.4 Emergency telephone number:

+44(0)1633484700
Hours of operation: Mon-Thurs 08:30 - 16:30 hours
Friday 08:30 - 15:30 hours

2. Hazards Identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008



GHS07 Warning

Acute toxicity (inhalation) Category 4,	H332
Acute toxicity (oral) Category 4,	H302
Skin sensitisation, Category 1,	H317

Classification according to Directive 67/548/EEC or Directive 1999/45/EC



Harmful Xn

R20/22: Harmful by inhalation and if swallowed.
R43: May cause sensitisation by skin contact

2.2 Label elements

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Labelling according to Regulation (EC) No 1272/2008

Hazard Pictogram	GHS07
Signal word	Warning
Hazard determining components of labeling:	void

Hazard statements

- H302: Harmful if swallowed.
- H332: Harmful if inhaled.
- H317: May cause an allergic skin reaction

Precautionary statements

- P270: Do not eat, drink or smoke when using this product.
- P262: Do not get in eyes, on skin, on clothing
- P302 + P352: IF ON SKIN: Wash with plenty of soap and water.

2.3 Other 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.

3.1 Substances

- CAS No.** 8011-87-8.
- EINECS number:**

4. First Aid Measures

4.1 Description of 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.

4.2 Most important symptoms and effects, both acute and delayed

4.3 Indication of any immediate medical attention and special treatment needed

5. Fire Fighting Measures

5.1 Extinguishing media

- Extinguishing Media : Suitable for surrounding fire conditions.
- Special Exposure Hazard: In the event of fire, the product may emit harmful or

5.2 Special hazards arising from the substance or mixture

None known

5.3 Advice for firefighters

- Personal Protective Equipment: Self contained breathing apparatus.

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6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal Protective Equipment: Respiratory protective equipment.

6.2 Environmental precautions

No special precautions

6.3 Methods and material for containment and cleaning up

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

6.4 Reference to other sections

See section 8 for information on personal protective equipment.

7. Handling and Storage

7.1 Precautions for safe handling

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

7.2 Conditions for safe storage, including any incompatibilities

Storage: Store in a dry area.

8. Exposure Controls/Personal Protective Equipment

8.1 Control parameters

no special ones

8.2 Exposure controls

8.2.1 Appropriate engineering controls:

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

8.2.2 Individual protection measures:

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.

8.2.3 Environmental exposure controls:

9. Physical & Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance & Odour : Green, 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.

9.2 Other information

No further relevant information available.

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10. Stability and Reactivity

10.1 Reactivity

The substance is non-reactive

10.2 Chemical stability

The material is stable.

10.3 Possibility of hazardous reactions

None known.

10.4 Conditions to avoid

None known.

10.5 Incompatible materials

None known.

10.6 Hazardous decomposition products

None known.

11. Toxicological Information

11.1 Information on toxicological effects

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

12. Ecological Information

12.1 Toxicity

Not known.

12.2 Persistence and degradability

Not known.

12.3 Bioaccumulative potential

Not known.

12.4 Mobility in soil

Not known.

12.5 Results of PBT and vPvB assessment

Not known.

12.6 Other adverse effects

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

14.1 U.N./S.I. No. : Not classified.

14.2 U.N. Class : Not classified.

14.3 Transport hazard class: Not classified.

14.4 Packing Group : Not classified.

14.5 Environmental Hazards:

Road:- U.K. : Not classified.

A.D.R. : Not classified.

Sea:- I.M.O. : Not classified.

Air:- I.C.A.O. : Not classified.

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15. Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Labelling according to Regulation (EC) No 1272/2008

The substance is classified and labelled according to the CLP regulation.

Hazard pictograms : GHS07

Signal word : Warning

Hazard-determining components of labelling: Void

Hazard statements

H302: Harmful if swallowed.

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H317: May cause an allergic skin reaction

Precautionary statements

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U. K. Occupational Exposure Limits:	mg/m ³ 8 hr TWA.	% in product.
Cobalt compounds (as Co)	0.1	4.50.

EU directives

Regulation of the European Parliament and of the Council(EC) No 1272/2008 of 16
Corrigendum to Regulation (EC) No 1907/2006 of the European Parliament and of the
2000/532/EC: Commission Decision of 3 May 2000 replacing Decision 94/3/EC
Council Directive 67/548/EEC of 27 June 1967 on the approximation of laws, regulations

15.2 Chemical safety assessment:

No Chemical Safety Assessment has been carried out.

16. Other Information