



W. G. BALL LTD.



SAFETY DATA SHEET

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

1. Identification of the substance and of the company .

1.1 Product identifier

Trade name Coloured Transparent and Opaque Jewellery Enamel ranges.
Chemical Name Leadless Borosilicate glass.
CAS Number 65997-17-3.

1.2 Relevant identified uses of the substance .

Vitreous Enamel for metal coating.

1.3 Details of the supplier of the safety data sheet

W.G. Ball Ltd

Anchor Road
Longton
Stoke on Trent
ST3 1JW
United Kingdom
Tel: (01782) 313956 & 312286
Email: sales@wgball.com

1.4 Emergency telephone number:

01782-313956
Hours of operation: Mon-Thurs 08:00 - 16:00 hours
Friday 08:00 - 12:00 hours.

2. Hazards Identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

not classified

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

not classified

2.2 Label elements

H.302. Harmful if swallowed.
H.332. Harmful if inhaled.
P270 Do not eat, drink or smoke when using this product.

2.3 Other hazards:

None known
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.

3. Composition/information on ingredients

3.1 Substances

CAS No.

Coloured Borosilicate Frit. 65997-17-3.

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.

5. Fire Fighting Measures

5.1 Extinguishing media

Extinguishing Media : Suitable for surrounding fire conditions.

5.2 Special hazards arising from the substance or mixture

5.3 Advice for firefighters

Personal Protective Equipment: Self contained breathing apparatus.

6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation

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: Keep container closed. Store in 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.

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, 143 or 149 should be worn.

Protective gloves and overalls are recommended for prolonged contact.

9. Physical & Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance & Odour : Coloured, odourless powder.

Flash Point : N.A.

Flammability : Inflammable.

Explosive Properties : Non explosive.

Oxidising Properties : None.

Solubility : Insoluble.

9.2 Other information

No further relevant information available.

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

The product is not likely to be toxic.

12. Ecological Information

12.1 Toxicity

Not known.

12.2 Persistence and degradability

The product is chemically stable and will persist in the environment.

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.

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 not classified and labelled according to the CLP regulation.

Hazard pictograms : Void

Signal word : Void

Hazard-determining components of labelling: Void

Hazard statements Void

Precautionary statements

H.302. Harmful if swallowed.

H.332. Harmful if inhaled.

P270 Do not eat, drink or smoke when using this product.

U. K. Occupational Exposure Limits:		mg/m3 8 hr TWA.	% in product.
Dusts:	Total Inhalable	10.00	<1.00.
	" respirable.	4.00	<1.00.

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 and administrative provisions relating to the classification, packaging and labelling of dangerous substances, as amended.

16. Other Information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

