SAFETY DATA SHEET

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

Revision date: 16.01.2021.

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

1.1 Product identifier

Trade name	G.8114 Turquoise Transparent
Chemical Name	Borosilicate Glaze.
CAS Number	no number
EC Number	no number

1.2 Relevant identified uses .

For glazing and ceramics

1.3 Details of the supplier of the safety data sheet

Hot Clay LTD
Unit 3, 5 Havyat Road
Wrington
North Somerset
BS40 5PA
United Kingdom
Tel: 01934 863040
Email: info@hot-clay.co.uk

1.4 Emergency telephone number:

01934 863040
Hours of operation: Mon-Fri 08:30 - 16:30 hours

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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

Labelling according to Regulation (EC) No 1272/2008

Hazard Pictogram	void
Signal word	void
Hazard determining components of labeling:	void
Hazard statements	void

Precautionary statements

P270	Do not eat, drink or smoke when using this product.
P302 + P305	IF ON SKIN: wash with plenty of soap and water.

2.3 Other hazards: no known

Inhalation	:	Excessive exposure may cause symptons 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

	Borosilicate Frit.	Ceramic Materials.
CAS No.	65997-18-4	no number
Identification number(s)	no number	no number
EINECS number:	266-047-6	no number
Index number:	no number	no number
Composition:	95.0 %	5.0 %

Trade name: G.8114 Turquoise Transparent

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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

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5. Fire Fighting Measures

5.1 Extinguishing media

Extinguishing Media : Suitable for surrounding fire conditions.
Special Exposure Hazard**:** none

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

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.

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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.

7.3 Specific end use(s)

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8. Exposure Controls/Personal Protective Equipment

8.1 Control parameters

No specific information.

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, 143 or 149 should be worn.
Protective gloves and overalls are recommended for prolonged contact.

8.2.3 Environmental exposure controls:

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9. Physical & Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance & Odour	:	LIGHT BLUE POWDER
Flash Point	:	N.A.
Flammability	:	Inflammable.
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.

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11. Toxicological Information

11.1 Information on toxicological effects

The product is not likely to be toxic.

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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.

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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.

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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

P270	Do not eat, drink or smoke when using this product.
P302 + P305	IF ON SKIN: wash with plenty of soap and water.

U. K. Occupational Exposure Limits:		mg/m3 8 hr TWA.	% in product.
Dusts:	Total Inhalable	10.00	
	" respirable.	5.00	

EU directives

Regulation of the European Parliament and of the Council(EC) No 1272/2008 of 16 December 2008 on classification, labeling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Corrigendum to Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended.

2000/532/EC: Commission Decision of 3 May 2000 replacing Decision 94/3/EC establishing a list of wastes pursuant to Article 1(a) of Council Directive 75/442/EEC on waste and Council Decision 94/904/EC establishing a list of hazardous waste pursuant to Article 1(4) of Council Directive 91/689/EEC on hazardous waste, as amended.

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.

15.2 Chemical safety assessment:

No Chemical Safety Assessment has been carried out.

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.

End of safety data sheet