



SAFETY DATA SHEET

Black Leadless Brushing Glaze

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name Black Leadless Brushing Glaze

Product number P2826

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

Identified uses Ceramic Glaze

1.3. Details of the supplier of the safety data sheet

Supplier PotteryCrafts Ltd
Campbell Road,
Stoke
Stoke-on-Trent
ST4 4ET

Tel 44 (0)1782 745000
sales@potteryCrafts.co.uk

1.4. Emergency telephone number

Emergency telephone +44(0)1782 745000 Office Hours 08:45 to 16:30 Mon –Friday.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification

Physical hazards Not Classified

Health hazards Not Classified

Environmental hazards Not Classified

2.2. Label elements

Hazard statements EUH208 Contains Tetrahydro-1,3,4,6-tetrakis(hydroxymethyl)imidazo(4,5-d)imidazole-2,5(1H,3H)-dione, 2-METHYL-2H-ISOTHIAZOL-3(2H)-ONE. May produce an allergic reaction.

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Iron cobalt chromite black spinel CAS number: 68186-97-0	EC number: 269-060-5	2.5 - 5%	REACH registration number: 01-2119963938-16-xxxx
Classification Not Classified			

Tetrahydro-1,3,4,6-tetrakis(hydroxymethyl)imidazo(4,5-d)imidazole-2,5(1H,3H)-dione CAS number: 5395-50-6	EC number: 226-408-0	0.5-1%	
Classification Skin Sens. 1B - H317			

dieth ylene glycol CAS number: 111-46-6	EC number: 203-872-2	0.5 - 1%	REACH registration number: 01-2119457857-21
Classification Acute Tox. 4 - H302			

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Move affected person to fresh air at once. Get medical attention if any discomfort continues.
Ingestion	Do not induce vomiting. Give a few small glasses of water or milk to drink. Never give anything by mouth to an unconscious person. Get medical attention if any discomfort continues.
Skin contact	Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.
Eye contact	Rinse with water. Get medical attention if any discomfort continues.

4.2. Most important symptoms and effects, both acute and delayed

General information No data available.

4.3. Indication of any immediate medical attention and special treatment needed

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Use fire-extinguishing media suitable for the surrounding fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards Dust may form explosive mixture with air. No unusual fire or explosion hazards noted.

5.3. Advice for firefighters

Protective actions during firefighting N/A

Special protective equipment for firefighters Use protective equipment appropriate for surrounding materials

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions

Environmental precautions Avoid spreading dust or contaminated materials.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Remove spillage with vacuum cleaner. If not possible, collect spillage with shovel, broom or the like.

6.4. Reference to other sections

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Do not eat, drink or smoke when using the product. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Keep container dry.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

Long-term exposure limit (8-hour TWA): 4 mg/m³ resp.dust

diethylene glycol

Long-term exposure limit (8-hour TWA): WEL 23 ppm 101 mg/m³

WEL = Workplace Exposure Limit

Ingredient comments Total Inhalable Dust 10mg/m³ - 8hr TWA Total respirable Dust 4mg/m³ - 8hr TWA

8.2. Exposure controls

Protective equipment



Appropriate engineering Provide adequate general and local exhaust ventilation. Observe any occupational

Controls	exposure limits for the product or ingredients.
Eye/face protection	Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Dust-resistant, chemical splash goggles.
Hand protection	Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.
Hygiene measures	Wash hands at the end of each work shift and before eating, smoking and using the toilet. When using do not eat, drink or smoke.
Respiratory protection	No specific recommendations. Protection against nuisance dust must be used when the airborne concentration exceeds 10 mg/m ³ .

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid.
Colour	Black.
Odour	Odourless.
pH	Not determined.
Flash point	Not applicable.
Evaporation rate	Not applicable.
Vapour density	Not relevant.
Solubility(ies)	Insoluble in water.
Explosive properties	Not applicable.
Oxidising properties	Not applicable.

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stability Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Not relevant

10.4. Conditions to avoid

Conditions to avoid Not known.

10.5. Incompatible materials

Materials to avoid No specific material or group of materials is likely to react with the product to produce a hazardous situation.

10.6. Hazardous decomposition products

Hazardous decomposition Products Not known

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects No data recorded.

Inhalation Prolonged inhalation of high concentrations may damage respiratory system.

Ingestion No harmful effects expected from quantities likely to be ingested by accident.

Skin contact Repeated exposure may cause skin dryness or cracking.

Eye contact May cause temporary eye irritation.

SECTION 12: Ecological Information

Ecotoxicity There is no data on the ecotoxicity of this product.

12.1. Toxicity

12.2. Persistence and degradability

Persistence and degradability The product contains only inorganic substances which are not biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential Not available.

12.4. Mobility in soil

Mobility Not available.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment Not available

12.6. Other adverse effects

Other adverse effects Not available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information When handling waste, the safety precautions applying to handling of the product should be considered.

Disposal methods

Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Transport in bulk according to

Annex II of MARPOL 73/78 and the IBC Code Not applicable

SECTION 15: Regulatory information

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

National regulations

Health and Safety at Work etc. Act 1974 (as amended).
The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).

EU legislation

Dangerous Substances Directive 67/548/EEC.
Dangerous Preparations Directive 1999/45/EC.
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) (as amended).

Guidance

Workplace Exposure Limits EH40.
Introduction to Local Exhaust Ventilation HS(G)37.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

General information

(EN) Examples of ceramic frits belonging to various groups:
Group 1 - frits usually containing elements not included in Annex I of Directive 67/548/EEC and without Pb, Ba, Zn and Cd.
Group 2 - frits usually containing elements not included in Annex I of Directive 67/548/EEC, with Zn and without Pb, Ba or Cd.
Group 3 - frits usually containing elements not included in Annex I of Directive 67/548/EEC, with Ba and without Pb, Zn or Cd.
Group 4 - frits usually containing elements not included in Annex I of Directive 67/548/EEC, with Zn and Ba but without Pb or Cd.
Group 5 - frits usually containing elements not included in Annex I of Directive 67/548/EEC, with Pb or Cd.

Subgroup 5.1 - lead bisilicate frits ($0\% < \text{PbO} \leq 69\%$, $\text{SiO}_2 \geq 30\%$, $\text{Al}_2\text{O}_3 \geq 1\%$).
Subgroup 5.2 - lead borosilicate frits ($40\%-60\% \text{PbO}$, $\text{SiO}_2 > 30\%$, $1\%-20\% \text{B}_2\text{O}_3$).
Group 6 - frits usually containing elements not included in Annex I of Directive 67/548/EEC, with Pb and Zn and/or Ba ($0\% < \text{PbO} \leq 69\%$, $\text{SiO}_2 \geq 30\%$, $\text{Al}_2\text{O}_3 \geq 1\%$).
Group 7 - frits usually containing elements not included in Annex I of Directive 67/548/EEC, with Cd and other elements such as Zn, Ba and Pb ($0\% < \text{PbO} \leq 69\%$, $\text{CdO} \leq 5\%$, $\text{SiO}_2 \geq 30\%$, $\text{Al}_2\text{O}_3 \geq 1\%$).
Group 8 - frits with lead expressed as PbO percentage, frits usually containing elements not included in Annex I of Directive 67/548/EEC, without a minimum of 30% of SiO_2 and/or without a minimum of 1% of Al_2O_3 .
Group 9 - coloured frits usually containing elements not included in Annex I of Directive 67/548/EEC and metallic oxides in Annex I of Directive 67/548/EEC.

Issued by	Product Regulations Dept
Revision date	17/11/2015
Revision	11
Supersedes date	17/11/2015
SDS number	000
SDS status	Approved.

Hazard statements in full

H301 Toxic if swallowed.

H302 Harmful if swallowed.

H311 Toxic in contact with skin.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H330 Fatal if inhaled.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

EUH208 Contains Tetrahydro-1,3,4,6-tetrakis(hydroxymethyl)imidazo(4,5-d)imidazole-2,5(1H,3H)-dione, 2-METHYL-2H-ISOTHIAZOL-3(2H)-ONE. May produce an allergic reaction.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.