

SAFETY DATA SHEET
Fuchsia Stoneware Glaze**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier****Product name** Fuchsia Stoneware Glaze**Product number** R4342**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-on-Trent,
Staffordshire,
UK. ST4 4ET.
Tel 44 (0)1782 745000
sales@potteryCrafts.co.uk**1.4. Emergency telephone number****Emergency telephone** +44(0) 1782 745000 Office Hours Mon-Friday 08:45 – 16:30 hours.**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Classification (EC 1272/2008)****Physical hazards** Not Classified
Health hazards Skin Sens. 1 - H317 Carc. 1A - H350 STOT RE 2 - H373
Environmental hazards Aquatic Chronic 2 - H411**2.2. Label elements****Pictogram****Signal word**

Danger

Hazard statementsH317 May cause an allergic skin reaction.
H350 May cause cancer.
H373 May cause damage to organs through prolonged or repeated exposure.
H411 Toxic to aquatic life with long lasting effects.**Precautionary statements**P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P260 Do not breathe dust.
P261 Avoid breathing dust.
P272 Contaminated work clothing should not be allowed out of the workplace.
P273 Avoid release to the environment.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P302+P352 IF ON SKIN: Wash with plenty of water.
P308+P313 IF exposed or concerned: Get medical advice/ attention.
P314 Get medical advice/ attention if you feel unwell.
P321 Specific treatment (see medical advice on this label).
P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.
P362+P364 Take off contaminated clothing and wash it before reuse.
P391 Collect spillage.
P405 Store locked up.
P501 Dispose of contents/ container in accordance with national regulations.**Contains**

Fine Fraction Crystalline Silica, RESPIRABLE CRYSTALLINE SILICA, NICKEL MONOXIDE

2.3. Other hazards

SECTION 3: Composition/information on ingredients**3.2. Mixtures**

BARIUM CARBONATE CAS number: 513-77-9 EC number: 208-167-3	25 - 50% REACH registration number: 01-2119489177-25-XXXX
Classification Acute Tox. 4 - H302	
ZINC OXIDE CAS number: 1314-13-2 EC number: 215-222-5 M factor (Acute) = 1 M factor (Chronic) = 1	10 - 20% REACH registration number: 01-2119463881-32-****
Classification Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	
Fine Fraction Crystalline Silica CAS number: 14808-60-7 EC number: 238-878-4	2.5 - 5%
RESPIRABLE CRYSTALLINE SILICA CAS number: 14808-60-7 EC number: 238-878-4	2.5 - 5%
Classification STOT RE 1 - H372	
NICKEL MONOXIDE CAS number: 1313-99-1 EC number: 215-215-7	1 - 2.5% REACH registration number: 01-2119467172-41-XXXX
Classification Skin Sens. 1 - H317 Carc. 1A - H350i STOT RE 1 - H372 Aquatic Chronic 4 - H413	

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**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 No unusual fire or explosion hazards noted.

5.3. Advice for firefighters

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 Do not discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Collect spillage with a shovel and broom, or similar and reuse, if possible. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

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 Store in tightly-closed, original container in a dry and cool place.

7.3. Specific end use(s)

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

BARIUM CARBONATE

Long-term exposure limit (8-hour TWA): WEL 0,5 mg/m³

Short-term exposure limit (15-minute) : WEL

as Ba

ZINC OXIDE

Long-term exposure limit (8-hour TWA) : WEL 5 mg/m³

Short-term exposure limit (15-minute) : 10 mg/m³

RESPIRABLE CRYSTALLINE SILICA

Long-term exposure limit (8-hour TWA): 0.1 mg/m³

NICKEL MONOXIDE

Long-term exposure limit (8-hour TWA) : WEL 0,5 mg/m³

Short-term exposure limit (15-minute) : WEL

Carc, Sen, Sk

as Ni

WEL = Workplace Exposure Limit

Carc = Capable of causing cancer and/or heritable genetic damage.

Sen = Capable of causing occupational asthma.

Sk = Can be absorbed through skin.

BARIUM CARBONATE (CAS: 513-77-9)

DNEL Industry - Inhalation; Long term local effects: 0.72 mg/m³
Consumer - Inhalation; Long term local effects: 0.14 mg/m³

PNEC - Fresh water; 227.8 mg/l
- STP; 50.1 mg/l
- Sediment (Freshwater); 792.7 mg/kg
- Soil; 207.7 mg/kg

ZINC OXIDE (CAS: 1314-13-2)

DNEL Workers - Inhalation; Long term, systemic effects : 5 mg/m³
Workers - Inhalation; Long term local effects: 0.5 mg/m³
Workers - Dermal; Long term systemic effects: 83 mg/kg/day
General population - Inhalation; Long term systemic effects: 2.5 mg/m³
General population - Dermal; Long term systemic effects: 83 mg/kg/day
General population - Oral; Long term systemic effects: 0.83 mg/kg/day

PNEC - Fresh water; 0.0206 mg/l
- Marine water; 0.0061 mg/l
- STP; 100 µg/l
- Sediment (Freshwater); 235.6* mg/kg, sediment dw
- Sediment (Marinewater); 113* mg/kg, sediment dw
- Soil; 106.8** mg/kg

The units given are 'mg' of Zinc. These PNECs are added value PNECs - they are to be added to the natural background levels of Zinc. In the appropriate compartments (e.g. soils, sediments). (*) A generic bioavailability factor of 0.5 is applied by default, according to the EU risk assessment (ECB 2008) (**) by default this value was multiplied by '3' to take into account "lab-to-field" differences in toxicity. (***) The PNEC for STP was derived by applying an assessment factor to the lowest relevant toxicity value (5.2 mg Zn/L). (Durka et al., 1983)

8.2. Exposure controls Protective equipment



Appropriate engineering controls Eye/face protection

Provide adequate general and local exhaust ventilation. Observe any occupational exposure limits for the product or ingredients.

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles or **face shield**.

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.

Respiratory protection

If ventilation is inadequate, suitable respiratory protection must be worn. Wear a respirator fitted with the following cartridge: Particulate filter, type P2.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	Dusty powder.
Odour	No characteristic odour.
pH	pH (concentrated solution): 6-8
Relative density	2-3 @ °C

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

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.
General information No specific health hazards known.

SECTION 12: Ecological Information

Ecotoxicity The product contains a substance which is harmful to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.

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

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

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

14.1. UN number

UN No. (ADR/RID)	3077
UN No. (IMDG)	3077
UN No. (ICAO)	3077
UN No. (ADN)	3077

14.2. UN proper shipping name

Proper shipping name (ADR/RID)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (CONTAINS ZINC OXIDE)
Proper shipping name (IMDG)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (CONTAINS ZINC OXIDE)
Proper shipping name (ICAO)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (CONTAINS ZINC OXIDE)
Proper shipping name (ADN)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (CONTAINS ZINC OXIDE)

14.3. Transport hazard class(es)

ADR/RID class	9
ADR/RID classification code	M7
ADR/RID label	9
IMDG class	9
ICAO class/division	9
ADN class	9

Transport labels



14.4. Packing group

ADR/RID packing group	III
IMDG packing group	III
ADN packing group	III
ICAO packing group	III

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant



14.6. Special precautions for user

EmS	F-A, S-F
ADR transport category	3
Emergency Action Code	2Z
Hazard Identification Number (ADR/RID)	90
Tunnel restriction code	(E)

14.7. Transport in bulk according to Annex II of MARPOL 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.
System of specific information relating to Dangerous Preparations. 2001/58/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).

15.2. Chemical safety assessment

SECTION 16: Other information

Revision date 01/12/2016

Revision 12

Supersedes date 01/12/2016

SDS number 61363

Hazard statements in full H302 Harmful if swallowed.
H317 May cause an allergic skin reaction.
H350 May cause cancer.
H350i May cause cancer by inhalation.
H372 Causes damage to organs through prolonged or repeated exposure.
H372 Causes damage to organs through prolonged or repeated exposure if inhaled.
H372 Causes damage to organs (Respiratory system, lungs) through prolonged or repeated exposure if inhaled.
H373 May cause damage to organs through prolonged or repeated exposure.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H411 Toxic to aquatic life with long lasting effects.
H413 May cause long lasting harmful effects to aquatic life.

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.