

SAFETY DATA SHEET

Glaze Binder

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

1.1. Product identifier

Product name Glaze Binder (SCMC)

Product number R1036

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.
Telephone 44(0)1782 745000
sales@potterycrafts.co.uk

1.4 Emergency telephone number

Emergency telephone +44(0) 1782 745000 Office Hours Mon-Friday hours.

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 NC Not Classified

2.3. Other hazards

SECTION 3: Composition/information on ingredients

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
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 N/A
firefighting

Special protective equipment for firefighters

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

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

Store in tightly closed, original container in a well-ventilated place. Avoid contact with oxidising agents. Keep away from heat, sparks and open flame.

7.3. Specific end use(s)

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

Ingredient comments

4mg/m³ - 8hr TWA

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

8.2. Exposure controls

Protective equipment



Appropriate engineering Controls

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

Respiratory protection

When using do not eat, drink or smoke.

No specific recommendations. Protection against nuisance dust must be used when the airborne concentration exceeds 10 mg/m³.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	Dusty powder.
Colour	White/off-white.
Odour	Odourless.
pH	pH (concentrated solution): pH (diluted solution): 6.5 - 8 1
Flash point	>70°C
Evaporation rate	Not applicable.
Vapour density	Not relevant.
Relative density	1-2 @ °C
Bulk density	400 -800 kg/m ³
Solubility(ies)	The product does not meet the criteria for classification as hazardous according to EC regulation 1272/2008 and Directive 67/548/EC as amended
Explosive properties	Not applicable.
Oxidising properties	Not applicable.

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.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	Not relevant
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10.4. Conditions to avoid

Conditions to avoid	Avoid dust close to ignition sources. Avoid contact with the following materials: Oxidising materials.
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10.5. Incompatible materials

Materials to avoid	Flammable/combustible materials. Strong oxidising agents.
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10.6. Hazardous decomposition products

Hazardous decomposition products	Not known
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects	No data recorded.
General information	No specific health hazards known.
Inhalation	May cause respiratory system irritation.
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	Dust in the eyes will cause irritation.

SECTION 12: Ecological Information

Ecotoxicity	There are no data on the ecotoxicity of this product.
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12.1. Toxicity

12.2. Persistence and degradability

Persistence and degradability	The product is biodegradable.
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12.3. Bioaccumulative potential

Bioaccumulative potential	Not available.
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12.4. Mobility in soil

Mobility	Not available.
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12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment	Not available
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12.6. Other adverse effects

Other adverse effects	Not available.
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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**

Not applicable

and the IBC Code**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

SECTION 16: Other information

Issued by	Product Regulations Dept
Revision date	08 /07/2029
Revision	6
Supersedes Date	08/07/2026
SDS number	000
SDS status	Approved
Hazard Statements	NC : Not Classified

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