POTTERYCRAFTS LIMITED

SAFETY DATA SHEET

Burnt Sugar Brush-on Glaze

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

1.1. Product identifier

Product name Burnt Sugar Brush-on Glaze

Product number P0004

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 08:45 – 16:30 hours 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(hydrooxymethyl)imidazo(4,5-d)imidazole-2,5(1H,3H)-dione, 2-METHYL-2H-ISOTHIAZOL-3(2H)-ONE. May produce an allergic reaction.

Precautionary statements EUH208 Contains . May produce an allergic reaction.
EUH210 Safety data sheet available on request.

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

MANGANESE DIOXIDE **1 - 2.5%**

CAS number: 1313-13-9 EC number: 215-202-6

Classification
Acute Tox. 4 - H302
Acute Tox. 4 - H332

ZINC OXIDE **0.1 - 0.25%**

CAS number: 1314-13-2 EC number: 215-222-5 REACH registration number: 01-2119463881-32-****

M factor (Acute) = 1 M factor (Chronic) = 1

Classification

Aquatic Acute 1 - H400
Aquatic Chronic 1 - H410

Fine Fraction Crystalline Silica **<0.1%**

CAS number: 14808-60-7 EC number: 238-878-4

Classification
STOT RE 1 - H372

Formaldeide	**<0.1%**
CAS number: 50-00-0	EC number: 200-001-8

Classification
Skin Corr. 1B - H314
Skin Sens. 1 - H317
Carc. 2 - H351
Acute Tox. 3 - H301
Acute Tox. 3 - H311
Acute Tox. 2 - H330
STOT SE 3 - H335
Eye Dam. 1 - H318

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 Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Never give anything by mouth to an unconscious person. Do not induce vomiting. Get medical attention.

Skin contact Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if any discomfort continues.

Eye contact Rinse immediately with plenty of water. Continue to rinse for at least 10 minutes. 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 The product is non-combustible. Toxic gases or vapours. Not known.

5.3. Advice for firefighters

Protective actions during firefighting N/A

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 discharge into drains or watercourses or onto the ground.

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.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Keep container dry. Keep away from food, drink and animal feeding stuffs.

7.3. Specific end use(s)

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters
Occupational exposure limits
MANGANESE DIOXIDE

Long-term exposure limit (8-hour TWA): WEL 0,5 mg/m³
Short-term exposure limit (15-minute): WEL

ZINC OXIDE

Long-term exposure limit (8-hour TWA): WEL 5 mg/m³
Short-term exposure limit (15-minute): 10 mg/m³

Fine Fraction Crystalline Silica

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

Formaldeide

Long-term exposure limit (8-hour TWA): WEL 2 ppm 2,5 mg/m³
Short-term exposure limit (15-minute): WEL 2 ppm 2,5 mg/m³

WEL = Workplace Exposure Limit

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	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: 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. When using do not eat, drink or smoke.
Respiratory protection	Wear a respirator fitted with the following cartridge: Particulate filter, type P3.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	Coloured liquid.
Odour	No characteristic odour.
pH	pH (concentrated solution): 7-8
Relative density	1-2 @ °C
Solubility(ies)	Insoluble in water.

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.
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SECTION 11: Toxicological information

11.1. Information on toxicological effects
Toxicological effects No data recorded.
Acute toxicity - oral
ATE oral (mg/kg) 22,019.64

Acute toxicity - inhalation
ATE inhalation (gases ppm) 198,176.77
ATE inhalation (vapours mg/l) 484.43
ATE inhalation (dusts/mists mg/l) 66.06

General information Prolonged inhalation of high concentrations may damage respiratory system.

Inhalation No specific health hazards known.

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

Skin contact Prolonged contact may cause dryness of the skin.

Eye contact May cause temporary eye irritation.

SECTION 12: Ecological Information

Ecotoxicity The product is not expected to be hazardous to the environment.

12.1. Toxicity
Toxicity No information available.

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

12.3. Bioaccumulative potential
Bioaccumulative potential No data available on bioaccumulation.

12.4. Mobility in soil
Mobility Not determined.

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 known.

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.
1**4.5. 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

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SECTION 15: Regulatory information

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

National regulations	EH40/2005 Workplace exposure limits.
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.
Guidance	Safety Data Sheets for Substances and Preparations. Approved Classification and Labelling Guide (Sixth edition) L131.

15.2. Chemical safety assessment
No chemical safety assessment has been carried out.

SECTION 16: Other information

Revision comments	Reclassified based on REACh toxicity reports & consortia information.
Issued by	Product Regulations Dept
Revision date	29/04/2016
Revision	6
Supersedes date	11/10/2011
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. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H330 Fatal if inhaled. H332 Harmful if inhaled. H335 May cause respiratory irritation. H351 Suspected of causing cancer. H372 Causes damage to organs (Respiratory system, lungs) through prolonged or repeated exposure 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(hydrooxymethyl)imidazo(4,5-d)imidazole-2,5(1H,3H)-dione, 2-METHYL-2H-ISOTHIAZOL-3(2H)-ONE. May produce an allergic reaction.