

SAFETY DATA SHEET-
EARTHENWARE TRANSPARENT UNLEADED GLAZE

According to regulation (EC) No 2020/878

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

1.1 Product Identifier

Earthenware Transparent Unleaded Glaze

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

Use of the substance/mixture

To glaze ceramic objects.

1.3 Details of the supplier of the safety data sheet

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1.4 Emergency Telephone Number

+44 (0)1782 271200

Section 2: Hazards Identification

2.1 Classification of the substance or mixture

Not classified as hazardous

No significant adverse health effects are to be expected from either single or repeated exposures provided that dust inhalation is controlled.

Section 3: Composition/information on ingredients

FRIT- for industrial use- CAS No: 65997-18-4, EC No. 266-047-6- >90%

China Clay- Kaolin- CAS No. 1332-58-7- <6%



WARNING STOT RE2 with reference to china clay (respirable crystalline silica)

Hazard Statements:

H373 - May cause damage to lungs through prolonged or repeated exposure by inhalation.

In slop state, organic binders/ antibacterial agents may be present- concentration less than 0.3% by weight.

Precautionary Statements:

P261 – Avoid breathing dust.

P281 – Wear eye protection.

P302,352- If on skin wash with soap and water.

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Section 4: First Aid Measures

4.1 Description of first aid measures

After Inhalation- Remove to fresh air and seek medical advice if necessary.

After Ingestion- Wash out mouth, drink plenty of water. Seek medical advice if necessary.

After Eye Contact- Rinse immediately with plenty of water. If irritation persists, seek medical advice.

After Skin Contact- Wash with soap and water.

Section 5: Firefighting Measures

The material is non-combustible. If it is involved in a fire, use an extinguisher suitable for the surrounding fire.

Section 6: Accidental Release Measures

6.1 Personal Precautions, protective equipment and emergency procedures

Eye protection should be worn to prevent splashes to eyes.

6.2 Methods and material for containment and cleaning up

Spillages of slop material should be removed with copious amounts of water to factory drainage system. Spillages of semi-dry or dry product should be removed by vacuum methods.

Section 7: Handling and Storage

7.1 Precautions for safe handling and storage

Prevent extensive contact with eyes, skin and clothing.

Wash hands/skin after use. Do not eat, drink or smoke when using this material.

Store in secure containers in dry conditions, avoiding extremes of temperature and protect from frost.

Avoid swallowing, inhaling dust and eye/skin contact through the use of personal protective equipment. Where dry material has to be handled, dust masks with normal protection factor (NPF) of 10 (EN149) should be worn.

Section 8: Exposure Controls/ Personal Protection

Dry materials should be used under conditions of local exhaust ventilation to avoid inhalation of dust. Where it is not possible, an appropriate dust mask must be worn.

Other than suitable protective clothing, no special controls are needed. Goggles may be used to prevent possible eye irritation and gloves if skin irritation is likely.

Workplace Exposure Limit (WEL)- EH40

Crystalline Silica	Total Inhalable Dust	10 mg/m ³ 8hrTWA
	Respirable Dust	4 mg/m ³ 8hrTWA
	Total Respirable Dust	0.1mg/m ³ (UK)

Section 9: Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

General Information

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Form- Aqueous Suspension

Odour- Odourless

Melting Point- >950°C

Solubility- N/A

Flash Point- N/A

Oxidising Properties- N/A

Section 10: Stability and Reactivity

Not known hazardous reactions or decomposition products within the sphere of its intended use as a ceramic material.

Section 11: Toxicological Properties

Repeated or prolonged contact with product can cause the elimination of oil from the skin, giving rise to non-allergic contact dermatitis and absorption of the product through the skin. Splatters in the eye can cause irritation and reversible damage.

No specific data available for toxicity, carcinogenicity, mutagenicity.

Section 12: Ecological Information

No specific data available.

Section 13: Waste Disposal

13.1 Waste treatment methods

Material should be treated as industrial waste and the procedures laid down in the Duty of Care- Environmental Protection Act observed. Consult local authority if necessary.

Section 14: Transport Information

No special precautions. International regulation on the transport of dangerous goods (IMDG, IATA, ADR) not applicable.

Section 15: Regulatory Information

References

Non hazardous

EH40- Workplace Exposure Limits 2005

Guidance Notes EH44- Dust General Principles of Protection

HS (G)53- Respiratory Protective Equipment

COSHH ACOP41- Pottery Production Guidance Note EH59

CLP Regulation (EC) No 1272/2008

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Section 16: Other Information

This data sheet is provided under CLP and REACH Regulation and is not intended to constitute an assessment of workplace risk associated with product(s) used as required under any other Health and Safety Regulation.

Workers must be informed of the presence of crystalline silica and trained in the proper use and handling of this product as required under applicable regulations.

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