

Claybright® Underglazes

Safety Data Sheet

1. Substance/Preparation and company description

1.1 Description of the substance or the preparation

CLAYBRIGHT UNDERGLAZE

1.2 Use of the substance

Coloured paint for ceramic products

1.3 Company name: **Claybright (a division of The Clay Man cc)**

Address:

**11 Celie Road
Retreat Industria
7945
RSA**

1.4. Contact number: 27-21-701 6682

2: Composition/Constituent specifications

Water

Clay

Sodium Borosilicate Frit

Inorganic stains Mixture

Gum

No reportable quantities of hazardous ingredients are present.

3. Possible hazards

The glaze contains crystalline silica.

A single exposure will not result in serious adverse health effects. Prolonged exposure may cause silicosis which may be progressive and eventually fatal.

4. First-aid measures

After eye contact: rinse with water and consult a physician.

After swallowing: rinse mouth with water and consult a physician.

After contact with skin: wash with water and soap

5. Fire-fighting measures

Extinguishing agent: No restrictions.

6. Measures upon unintended release

Pick up and collect after spillage or leakage. Prevent skin and eye contact.

7. Handling and storage

7.1 Handling

Do not eat, drink, or smoke while glazing. Wash hands directly after use. Thoroughly ventilate spaces during firing, if possible, discharge firing gases directly into the open air.

7.2 Storage

Store in a place inaccessible to children.

8.1 Exposure limits

8.2.1 Limitation of exposure at the workplace.

Avoid contact with eyes and skin.

Provide adequate ventilation to keep dust concentrations below acceptable exposure limits. Use appropriate respiratory protection.

8.2.2 Managing environmental exposure.

Ensure adequate exhausting of the kilns and sufficient ventilation of the workplaces.

9. Physical and chemical properties

9.1 General information

Appearance: White or pigmented powder.

Odour: No perceptible odour.

9.2 Important information on health and environmental protection and on safety

Boiling point: Not determined

Boiling range: Not determined

Flash point: n.a.

Combustibility: n.a.

Explosion hazard: n.a.

Fire-supporting properties: n.a.

Steam pressure: n.a.

Relative density: Not determined

Solubility:	Water soluble
Distribution coefficient:	n.a.
Vapour density:	n.a.
Evaporation speed:	n.a.

10 Stability and reactivity

10.1 Conditions to be avoided:

Not known

10.2. Substances to be avoided:

Not known

10.3 Hazardous decomposition products

Not known

11. Toxicology specifications

When handled properly and in accordance with the intended use, the product will not cause in our experience and available information any effects harmful to health.

12. Notes on disposal

Dispose of in accordance with local waste removal regulations.

13. Information on transportation

Not a hazardous transport good.

14. Regulations

Does not require a hazardous warning label.

15. Other information

This information is based on the current status of knowledge and experience.