

Abbots Midfire Glaze

Safety Data Sheet

Prepared July 2011

1. Substance/Preparation and company description

1.1 Description of the substance or the preparation

ABBOTS CLEAR

1.2 Use of the substance

Glassy overcoat of ceramic products

1.3 Company name

Decopot Limited

126 Summerhill Drive

Fitzherbert

Palmerston North 4410

E-Mail: mail@decopot.co.nz

Internet: www.decopot.co.nz

1.4 Contact number Phone: 06 356 9886

2: Composition/Constituent specifications

Mineral compound, milled glass (frit), clay, pigments

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.

Wear suitable gloves made of nitrile.

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. Some glazes contain barium carbonate (a toxin) and are identified in the handbook. Some glazes contain cadmium and selenium (toxins) in insoluble (encapsulated) form.

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.

16. Food contact surfaces

Not all midfire glazes are considered safe for food-contact surfaces. Our opinion on individual glazes based on their composition is given in the Abbots Handbook which may be downloaded at <http://www.decopot.co.nz/index.php/page/downloads>