

1. Identification of the substance/preparation and company

Product Name: Flowshield Quartz Filler C

Application: Filler for a 3 component epoxy self levelling floor coating.

Manufacturer: Flowcrete SA (Pty) Ltd
176 Voortrekker Street
Jacobs
4052

Telephone Number: (031) 461 3411

2. Composition/information on constituents

Contains polystyrene chips and calcium magnesium carbonate.

3. Hazards Identification

Dust may cause some slight transient irritation.

4. First Aid measures

Eye contact : Immediately flush eyes with water, continue for 15 minutes. Hold eyelids apart whilst flushing.
Seek medical attention if irritation persists.

Skin contact : Wash with soap and plenty of water. If any irritation persists, seek medical advice.

Inhalation : Overexposure may cause some discomfort and irritation of the respiratory tract.
Move patient to fresh air. If symptoms persist, seek medical advice.

Ingestion : If symptoms persist, seek medical attention.

5. Fire-fighting measures

Suitable extinguishing media : Water, foam, powder or carbon dioxide.

Un-Suitable extinguishing media : None.

Special exposure hazards : Harmful fumes emitted in a fire – carbon monoxide, carbon dioxide.

Special protective equipment : Self contained breathing apparatus in a large fire.

Additional information : Contact with molten polystyrene must be avoided as it is liable to adhere to the skin causing intense localised burns.

6. Accidental release measures

Personal precautions : Use personal protective equipment as detailed in Section 8.

Environmental precautions : Prevent the product from entering drains.

Methods for cleaning up : Sweep up and collect in suitable containers for disposal in accordance with Section 13.

7. Handling and storage

Handling : Use personal protective equipment as detailed in Section 8.
Handle and open package with care.

Storage : Store in a dry, cool, well-ventilated place, away from highly flammable materials.
Store at temperatures below 50 °C.
Avoid contaminating water, food or animal feed by storage or disposal.

8. Exposure controls/personal protection

Occupational Exposure Standard for dust, Total inhalable dust : 10mg/m³ 8h TWA (8 hour time weighted average).

Respirable dust : 4 mg/m³ 8h TWA.

Engineering measures to reduce exposure : None.

Personal protective equipment :

Respiratory protection : Dust mask.

Eye protection : Safety glasses.

Hand protection : Impervious gloves.

9. Physical and chemical properties

Appearance	: Granule/powder mix	pH	: Neutral
Odour	: None	Relative Density	: ~1.03
Softening Point	: 80 - 100 °C (polystyrene)	Water solubility	: Insoluble
Flashpoint	: Not applicable	Auto ignition temperature	: >490 °C (polystyrene)

10. Stability and reactivity

Material is inert and stable.

Conditions to avoid : Not applicable.

Materials to avoid : Not applicable.

Hazardous decomposition products : Toxic fumes in a fire – carbon monoxide and carbon dioxide.

11. Toxicological information

Skin Irritation : Repeated and/or prolonged contact with the skin may cause dryness and/or irritation.

Sensitisation : No sensitising effects known to us.

12. Ecological information

Ecotoxicity : No data.

Mobility	: The product is not volatile and is insoluble in water, will accumulate in the ground.
Persistence and degradability	: Mostly persistent in the environment.
Bioaccumulative potential	: Not applicable.
Additional ecological information	: None.

13. Disposal considerations

Unused Product/waste from cleaning etc.	: Dispose of in accordance with local and national regulations. Not classified as a hazardous waste.
Contaminated packaging	: Treat as non-hazardous packaging waste, use EWC code 150102 for plastic packaging.

14. Transport information

Not classified as hazardous for transport.

15. Regulatory information

Classification according to EEC regulations - Labelling requirements.

Hazard Symbols: None

S-phrases

S36/37/39 : Wear suitable protective clothing, gloves and eye/face protection.

Special provisions statement : None.

Hazardous component(s) which must be listed on the label : None.

EC Directives: Dangerous Substances Directive, 67/548/EEC & adaptations.
Dangerous Preparations Directive, 1999/45/EC.
Safety Data Sheets Directive, 91/155/EEC and adaptations.

Statutory Instruments: Chemicals (Hazard Information & Packaging for Supply) Regs 2002.
Control of Substances Hazardous to Health Regs 2002.
Environmental Protection (Duty of Care) Regs. 1991.

Codes of Practice Waste Management. The Duty of Care.
Approved classification and labelling guide (Fifth edition). L131.
The compilation of safety data sheets (Third edition).

Guidance Notes Occupational Exposure Limits EH40
CHIP for Everyone HSG(108)

16. Other Information

This safety data sheet has been prepared in accordance with CHIP3. The provision of Safety data sheets comes under Regulation 6 of CHIP (CHIP is the recognised abbreviation for the Chemicals, Hazard Information and Packaging Regulations). This is in addition to the Health and Safety at Work Act 1974.

Users of our products should take appropriate measures to ensure working practices are in accordance with the Control of Substances Hazardous to Health Regulations (COSHH).

This data sheet does not replace the obligation of the user to provide their own assessment of workplace risk as required by other Health & Safety legislation.

Restrictions on Use

The product is intended for use by appropriately trained applicators.

Training Advice

Applicators need to be trained in:-

The proper method of mixing and application to be done in accordance with the technical data sheet and/or separate application/mixing instructions.

Handling and hygiene associated with use of industrial chemicals.

Correct cleaning and disposal methods.

Notes

Beware of cross contamination where different products are in use in the same location.

Take into account the Manual Handling regulations when dealing with the mixed product.

This safety data sheet is based on our present knowledge and experience and is intended to serve as a guide for safe handling of the product regarding to health and environmental aspects.