

Revision 1 Date Issued: February 2016

1. Identification of the substance/preparation and company

Product Name: **Coloured Quartz**

Application: Filler component used as part of the Peran STB system.

Manufacturer:

Flowcrete SA (Pty) Ltd, 176 Voortrekker Street, Jacobs, Durban 4052

Tel: +27 (0)31 461 3411

Fax: +27 (0)31 461 3475

E-mail: southafrica@flowcrete.com

Website: <http://www.flowcretesa.co.za>

2. Composition/information on constituents

Contains dolomite (calcium magnesium carbonate) CAS No. 16389-88-1 EINECS 240-440-2.

3. Hazards Identification

This product is not classified as hazardous in accordance with the EC regulations.
Main hazard is dust created in handling of the product.

4. First Aid measures

Skin contact : Wash with soap and plenty of water.

Eye Contact : Hold eyelids apart and immediately flush with plenty of water for at least 15 minutes.
If irritation persists, seek medical advice.

Ingestion : Wash out mouth with water.

Inhalation : If anyone is affected, remove to fresh air. If symptoms persist, seek medical advice.

5. Fire-fighting measures

This material is non-combustible and will not facilitate combustion with other materials.
Use equipment as for the surrounding materials.

6. Accidental release measures

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

Environmental precautions : Avoid the formation of dust clouds.

Methods for cleaning up : Sweep or preferably vacuum up and collect in suitable containers for disposal in accordance with Section 13. Avoid creating a dust cloud, dampen with water if possible.

7. Handling and storage

Handling : Provide sufficient air exchange and/or exhaust in work rooms. Avoid formation of dust cloud.
Ensure adequate ventilation. Use personal protective equipment as detailed in Section 8.
Handle and open container with care.

Storage : Store in a dry, cool, well-ventilated place.

8. Exposure controls/personal protection

Occupational Exposure Standard for dust, Total inhalable dust : 10mg/m³ 8h TWA
Respirable dust : 4 mg/m³ 8h TWA

Engineering measures to reduce exposure : Local exhaust ventilation is recommended where dust is likely to be generated from the handling of dry material.

Personal protective equipment :

Respiratory protection : Dust respirator if the conditions are dusty.

Eye protection : Goggles or face shield.

Hand protection : Impervious gloves

Skin and body protection : Protective suit.

Protective measures : Use of the basic principles of Industrial Hygiene will enable this material to be used safely.

9. Physical and chemical properties

Appearance	: White powder	pH	: 8.5 – 9.5
Odour	: None	Relative density	: 2.85 at 20°C
Boiling Point	: Not applicable	Water solubility	: None
Explosion limits	: No data	Water miscibility	: None

10. Stability and reactivity

Material is inert and stable.

Conditions to avoid : Not applicable

Materials to avoid : Acids.

Hazardous decomposition products : None.

11. Toxicological information

This product is not classified as hazardous in accordance with EC Regulations.

Acute Toxicity : Oral, Rat, LD₅₀ >2000 mg/kg.

Chronic Toxicity : May cause some eye or skin irritation with susceptible persons.

12. Ecological information

Ecotoxicity : No data.

Mobility : The product is not volatile and insoluble in water, will accumulate in the ground.

Persistence and degradability : Resistant to biodegradation.

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.
EC Waste Catalogue (EWC) code: 08 01 99

Contaminated packaging : Not a hazardous waste. Use EWC code: 15 01 01 for paper.

14. Transport information

Not classified as hazardous for transport.

15. Regulatory information

Classification according to EEC directive: Not classified

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.
Maximum exposure limits and Occupational Exposure Standards have been taken from EH40 Occupational Exposure Standards (from HSE Books).

Training Advice

Applicators need to be trained in:-
Handling and hygiene associated with use of industrial chemicals.
Correct mixing and application of the product.
Correct cleaning and disposal methods.

Restrictions on Use

The product is intended for use by appropriately trained applicators in industrial situations.

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.