



MATERIAL SAFETY DATA SHEET

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COMPANY DETAILS

Name: StonCor Africa (Pty) Ltd.
 Address: 8 Cresset Road
 Midrand Industrial Park, Chloorkop
 Tel: 011 254 5500
 Fax: 011 310 2872

EMERGENCY NO'S:

SOUTH AFRICA: 082 651 5266
 +27 11 254 5500

INTERNATIONAL:

CHEMTREC +1 703 527 3887

NOTE: The Chemtrec Transportation Emergency Phone is to be used only in the event of chemical emergencies involving a spill, leak, fire, exposure or accident involving chemicals.

1. PRODUCT AND COMPANY IDENTIFICATION:

Trade Name: Pro-Struct 981C Decorative Aggregate

Chemical family: Silica Sand (Quartz)

Chemical name: Silicone Dioxide

Synonyms:

Chemical Abstract No: 14808-60-1

NIOSH No:

Hazchem Code

UN No: Not Regulated

2. COMPOSITION:

Hazardous components: Inhalation of dust

EEC Classification: Not Regulated

R Phrases:

3. HAZARDOUS IDENTIFICATION:

Main hazard: Dust Respirable TLV = 0.1 mg / m³

Flammability: Not Flammable

Chemical hazard: Stable

Reproductive hazard: None Known

Eye effect – eyes: Primary Irritation

Health effects – skin: Irritation - Prolonged exposure may cause dermatitis

Health effects – ingestion: Irritant

Health effects – inhalation: High concentrations may cause cough with phlegm

4. FIRST AID MEASURES:

Product in eye: Flush with large amounts of water. Consult a physician.

Product on skin: Wash affected area with soap and water. Consult a physician if irritation persists.

Product ingested: Do not induce vomiting. Get medical attention.

Product inhaled: Remove to fresh air. Restore breathing. Get medical attention.

5. FIRE FIGHTING MEASURES:

Extinguishing media: Not Applicable

Special hazards: Not Applicable

Protective clothing: Not Applicable

6. ACCIDENTAL RELEASE MEASURES:

Personal precautions: Appropriate PPE and equipment.

Environmental precautions: Contain all spills.

Small spills: Do not disperse dust into air - dispose of in accordance with local regulations.

Large spills: Special handling required - dispose of in accordance with local regulations.

7. HANDLING AND STORAGE:

Suitable material: Stable under normal conditions.

Handling / Storage precautions: Away from heat and moisture

8. EXPOSURE CONTROLS / PERSONAL PROTECTION:	
Occupational exposure limits:	0.1 mg / m ³
Engineering control measures:	
Personal protection – respiratory:	Approved respirator in accordance with SABS 1466
Personal protection – hands:	Impervious gloves
Personal protection – eyes:	Chemical goggles
Personal protection – skin:	Protective clothing
Other protection:	Protective creams for skin
9. PHYSICAL AND CHEMICAL PROPERTIES:	
Appearance:	Various colours
Odour:	None
pH:	Neutral
Boiling point:	2230°C
Melting point:	1703°C
Flash point:	Not Applicable
Flammability:	Not Flammable
Auto-flammability:	Not Applicable
Explosive properties:	Not Applicable
Oxidising properties:	Not Applicable
Vapour pressure:	Not Applicable
Density:	2.65
Solubility – water:	Not Soluble
Solubility – solvent:	Not Applicable
10. STABILITY AND REACTIVITY:	
Conditions to avoid:	Eye contact & inhalation
Incompatible materials:	None
Hazardous decomposition products:	None
11. TOXICOLOGICAL INFORMATION:	
Acute toxicity:	Dust causes scarring of lungs with cough and shortness of breath.
Skin and eye contact:	Can cause alkali burns.
12. ECOLOGICAL INFORMATION:	
Aquatic toxicity – fish:	Toxic in large quantities – in static water pH will increase to 12
Aquatic toxicity – daphnia:	Toxic in large quantities – in static water pH will increase to 12
Aquatic toxicity – algae:	Toxic in large quantities – in static water pH will increase to 12
Biodegradability:	Hardens when wet – will dissolve slowly in acidic conditions
Bio-accumulation:	
Mobility:	
13. DISPOSAL CONSIDERATIONS:	
Disposal methods:	In accordance with local regulations.
Disposal of packaging:	
14. TRANSPORT INFORMATION:	
UN No:	Not Regulated
Substance identity no:	
IMDG – Packaging group:	
Tremcard no:	
15. REGULATORY INFORMATION:	
EEC hazard classification:	
Safety phrases:	
16. OTHER INFORMATION:	

The information contained herein relates only to the specific material identified. Stoncor Africa (Pty) Ltd believes that such information is accurate and reliable as of the date of this material safety data sheet, but no representation, guarantee or warranty, expressed or implied, is made as to the accuracy, reliability, or completeness of the information.