



ROCKFIBRE – MATERIAL SAFETY DATA SHEET

Revision Number: 02	Approved by: CEO	Owner & Issued by: QCM
Effective date: 01/09/2017	Document Number: RFSA.QCI.01.PRO.22.WI	Page: 1 of 3

1. PRODUCT AND COMPANY IDENTIFICATION

Insulation felt, Insulation matt, Insulation board, Loose wool and Pipe sections

Chemical name: Fibrous Stone

Synonyms: Rockwool/Stone Wool Insulation

Manufacturer

Rockfibre SA (PTY) LTD
8 COLENZO STREET
POWERVILLE
VEREENIGING
1939

EMERGENCY NUMBER: +27 16 421 2045

2. COMPOSITION

Fibrous stone wool with thermosetting phenol/fomaldehyde resin

3. HAZARD IDENTIFICATION

Main hazard: Temporary mechanical irritation and itching on skin and eye contact.
Temporary irritation of upper airways

Health effects: None

Flammability: Non flammable

Chemical hazard: None

Biological hazard: Inhalation, lungs, skin and eyes

Reproduction hazard: None

Carcinogenicity: None

Neurotoxicity: None

4. FIRST AID MEASURES

Product in eyes: Flush eyes with clean tepid water for 10 minutes or until irritation ceases

Product on skin: Wash gently with lukewarm water and soap

Product ingested: None

Product inhaled: None

5. FIRE FIGHTING MEASURES:

Extinguish media: Water, foam, carbon dioxide, dry powder

Protective clothing: Fire fighters entering an area where fibrous glass is present must wear full protective gear including eye and respiratory protection

6. ACCIDENTAL RELEASE MEASURES:

Containment procedures: This material will settle out of air, if concentrated on land it can be scooped up for disposal as non-hazardous waste

Personal precautions: Isolate area and keep unnecessary personnel away – can cause itching

Environmental precautions: This material will sink and disperse along the bottom of waterways and ponds, it cannot easily be removed after waterborne, however the material is non-hazardous in water.

Small spills: Use vacuum cleaners/compressed air

Large spills: Spray with water to suppress dust, collect material with shovels or front-end loader. **WARNING: Never use compressed air to clean an large area where fibrous materials has been spilled.**



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7. HANDLING AND STORAGE

Precautions: Store and handle in a manner that prevents spread of airborne fibrous dust.

8. EXPOSURE CONTROLS/PERSONNEL PROTECTION

Occupational exposure limits: Recommended limit 2 fibres/ml air

Engineering control measures: Exhaust ventilation with hood or enclosed process to contain dust

Personal protection respiratory: F1 Type protection mask

Eyes: Wear safety glasses/goggles

Skin: Gloves and normal work clothing, protect pressure points such as around neck, wrists and waist and between fingers

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Rolls or boards

Odour: None

Ph: 6-9

Boiling point: n/a

Melting point: Becomes increasingly fluid above 1000°C

Flash point: None

Flammability: None

Auto flammability: None

Explosive properties: None

Oxidising properties: None

Physical state: Stable

Density: SG 2.5

Solubility in water: Insoluble in water and chemical solvents

Freezing point: n/a

10. STABILITY AND REACTIVITY

Conditions to avoid: Product is stable

Incompatible materials: None

Hazardous decomposition products: None known

11. TOXICOLOGICAL INFORMATION

Acute toxicity: None

Skin and eye contact: Transient irritation

Chronic toxicity: None

Carcinogenicity: Not described in man

Chronic study in animals: Not available

Component carcinogenicity: Not available

Mutagenicity: Not available

Reproductive hazards: None

12. ECOLOGICAL INFORMATION

Aquatic toxicity: Fish, daphnia, algae

Biodegradability: Persistent but will dissolve slowly in physiological solutions

No known adverse environmental effects

13. DISPOSAL CONSIDERATIONS

Dispose waste material in nontoxic waste landfill, limit dust generation in the process

14. TRANSPORT INFORMATION

Transport preferably in closed packaging or container to limit escape or fibrous dust



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15. REGULATORY INFORMATION

Legislation in South Africa – as per Occupational H&S Act 85/1993

Recommended occupational exposure limit 2 fibres/ml air

16. IMPORTANT INFORMATION

Fibrous insulation material is safe when handled correctly

Reasonable care has been taken in the preparation of this information but the manufacturer makes no warranty merchantability or any other warranty expressed or implied with respect to this information. The manufacturer makes no representations and assumes no liability for any direct incident or consequential damages resulting from the use of this product.