

ANNEXURE 1

MATERIAL SAFETY DATA SHEET

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COMPANY DETAILS

Supplier Name:	(pty) Ltd	Emergency Tel Nr:	+27-11
Address:		Telex:	N/A
Tel:		Fax:	+27-11

1. Product and Company Identification: (Page 1 may be used as an emergency safety sheet)

Trade name:		Chemical abstract No:	-3 130885-09-5
Chemical family:		NIOSH no:	
Chemical name:		Hazchem code:	Non combustable solid
Synonyms:	NA	UN no:	None

2. Composition:

Hazardous components:	s considered a nuisance dust & is not hazardous
EEC Classification:	Not regulated
R Phrases:	None

3. Hazards Identification:

Main Hazard:	Nuisance dust		
Flammability:	Not flammable		
Chemical Hazard:	None		
Biological Hazard:	None		
Reproduction Hazard:	None		
Eye effect:	Eyes:	None	
Health effects:	Skin:	None	
Health effects:	Ingestion:	None	
Health effects:	Inhalation:	None	
Carcinogenicity:	Not listed by OSHA / NTP / IARC		
Mutagenicity:	ND		
Neurotoxicity:	ND		

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4. First Aid Measures:	
Product in Eye:	Wash out with copious amounts of water.
Product on Skin:	N/A
Product Ingested:	N/A
Product Inhaled:	Remove affected individual from dusty area to an area with clean air
5. Fire Fighting Measures:	
Extinguishing Media:	None
Special Hazards:	None
Protective Clothing:	NIOSH approved masks suitable for nuisance dust.
6. Accidental Release Measures:	
Personal Precautions:	Wear eye protection & dust mask.
Environmental Precautions:	None
Small Spills:	Vacuum clean or sweep material.
Large Spills:	Vacuum clean or sweep material.
7. Handling and Storage:	
Suitable Material:	N/A
Handling/Storage Precautions:	None

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8. Exposure Controls/Personal Protection:

Occupational Exposure Limits:	ACGIH TLV: 10 mg/M ³ OSHA PEL: 15 mg/M ³
Engineering Control Measures:	None considered as a nuisance dust.
Personal Protection Respiratory:	NIOSH approved masks suitable for nuisance dust.
Personal Protection Hands:	None
Personal Protection Eyes:	Protective Goggles
Personal Protection Skin:	None
Other Protection:	Use good housekeeping to avoid dust.

9. Physical and Chemical Properties:

Appearance:	white Black particles
Odour:	None
pH (1%):	N/A
Boiling point:	N/A
Melting point:	1100 °C
Flash point:	None
Flammability:	Not Flammable
Auto Flammability:	N/A
Explosive Properties:	Not explosive
Oxidizing Properties:	N/A
Vapour Pressure:	N/A
Density:	2.2 Kg / Litre 0.3 Kg / litre
Solubility Water:	Slight
Solubility Solvent:	None
Solubility Coefficient:	N/A
Neurotoxicity:	ND

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10. Stability and Reactivity:		
Conditions to avoid:	Any environment which will generate nuisance dust.	
Incompatible material:	None	
Hazardous decomposition products:	N/A	
11. Toxicological Information:		
Acute Toxicity:	Not toxic	
Skin and Eye Contact:	Not toxic	
Chronic Toxicity:	Not toxic	
Carcinogenicity:	Not listed by NTP / IARC / OSHA	
Mutagenicity:	Not reported to produce mutagenic effects in humans.	
Reproductive hazards:	Not reported to produce reproductive effects in humans.	
12. Ecological Information:		
Aquatic Toxicity:	Fish:	No information but will act as any particulate material.
Aquatic Toxicity:	Daphnia:	No information but will act as any particulate material.
Aquatic Toxicity:	Algae:	No information but will act as any particulate material.
Biodegradability:	Will not degrade	
Bio-accumulation:	Natural mineral product will not degrade.	
Mobility:	Only mobile as a windborne dust.	
German wgk:	ND	
13. Disposal Considerations:		
Disposal Methods:	Vacuum sweep or sweep and dispose according to local regulations	
Disposal Packaging:	Dispose in bulk containers or bags.	

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14. Transport Information:		
UN no:		None
Substance identity No:		N/A
ADR/RID class: DOT: / UPS: / Transport Canada: /		Not classified, not a hazardous material.
ADR/RID item no:		N/A
ADR/RID hazard identity no:		N/A
IMDG – Class:		Not classified, not a hazardous material.
IMDG – Packing Group:		N/A
IMDG – Marine Pollutant:		No
IMDG – EMS no:		N/A
IMDG – MFAG table no:		N/A
IMDG – Shipping name:		
IATA – Shipping name:		Not classified, not a hazardous material.
IATA – Class:		N/A
IATA – Subsidiary risk(s):		N/A
ADNR –		Not classified, not a hazardous material.
UK – Description:		Not classified, not a hazardous material.
UK – Emergency action class:		Not classified, not a hazardous material.
UK – Classification:		Not classified, not a hazardous material.

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15. Regulatory Information:	
EEC hazard classification:	Not classified, not a hazardous material.
USA hazard classification:	Not subject to SARA reporting. N/A to CERCLA. Listed on TSCA
Australian Hazard Classification	Not classified as hazardous according to Worksafe Australia.
Risk Phases:	N/A
Safety Phases:	N/A
National Legislation:	Not listed as a hazard in SANS 10228, Annex B2. (March 2003)
16. Other Information:	
Harmonized Tariff Code : ...2530.10 (9)	

- LD50 Lethal dose kill 50%
- MEL Maximum Exposure Limits (UK)
- PEL Permissible Exposure Limit
- TLV Threshold limit Value
- TWA Time weighted average airborne concentration over an 8 hour day, for 5 day week, over an entire working life.
- STEL Short term exposure limit – average airborne concentration over a 15 min. period which should not be exceeded
At any time during a normal 8 hour working day.
- MAK Maximale Arbeitsplatzkonzentrationen (Germany)
- TRK technische Richtkonzentrationen (Germany)
- MAC Maximale aanvaarde concentratie (Netherlands)
- VME Valeurs limites de Moyenne d'Exposition (France)
- VLE Valeurs limites d'Exposition a court terme (France)
- EC Indicative occupational exposure limit values (Directive 2000 /39 / EC)
- ACGIH American Conference of Governmental Hygienists.
- CERCLA Comprehensive Environmental Response, Compensation & Liability Act (USA)
- CFR Code of Federal Regulations (USA)
- CWA Clean Water Act (USA)
- DOT Department of transportation (USA)
- HMIS Hazardous Communication System (USA)
- NFPA National Fire Prevention Association. (USA)
- NIOSH National Institute for Occupational Safety & Health (USA)
- RCRA Resource Conservation & Recovery Act.
- SARA Superfund Amendments & Reorganization Act (USA)
- TSCA Toxic Substances Control Act (USA)
- DSL Dangerous Substances List (Canada)
- CEPA Canadian Environmental Protection Act.
- ADR Agreement on dangerous Goods (EU)
- DSCL Dangerous Substances Classification & Labelling. (EU)
- OES Occupational Exposure Standards (UK)
- EINECS European Inventory of Existing Commercial Chemical Substances.
- IARC International Agency for Research on Cancer
- OSHA Occupational Safety & Health Administration.
- WHMIS Workplace Hazardous Material Information
- NOHSC Australian National Occupational Health & safety Commission.

- N.A. Not Applicable
- N.D. Not Determined

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