

Manufacturers Name : **Micronized Products (Pty) Limited**

Physical Address : 214 Barry Hertzog Ave., Greenside,
Johannesburg, South Africa, 2193

Telephone Number : (011) 486 1919

Facsimile Number : (011) 486 1928

Product Class : Vermiculite

Trade Name : MCF

SECTION 1 – IDENTIFICATION OF THE SUBSTANCE

Name : MCF
Identification : Vermiculite
C.A.S. number : 1318-00-9
ECODE : 34.03
Hazchem : Inert
Hazard rating : SAPMA: 3-H-D
In emergency contact : Gunther Tiepelt at (011) 486 1919 or 082 462 6996

SECTION 2 – COMPOSITION / INFORMATION ON INGREDIENTS

Vermiculite / Magnesium Iron Aluminium Silicate Hydroxide.
No other hazardous substances present.

SECTION 3 – HAZARDS IDENTIFICATION

SAPMA health rating : 3 – Slight. Irritation or minor reversible injury possible
Inhalation : Excessive dust exposure can cause lung damage
Skin : No direct hazard expected but exercise caution
Eyes : Particles may scratch eye or cause mechanical irritation
Ingestion : No direct hazard expected but exercise caution
No carcinogenic, mutagenic nor genetic effects established.
Not considered dangerous to the environment.

SECTION 4 – FIRST-AID MEASURES

Inhalation	:	Move to fresh air until dust subsides
Skin	:	Always wash with clean water after being in contact
Eyes	:	Rinse with plenty of water, seek medical attention if discomfort persists
Ingestion	:	Seek medical advise in case of discomfort.

SECTION 5 – FIRE FIGHTING MEASURES

Non-combustible	:	
DOT category	:	N/A
Flash point	:	N/A
Extinguishing media	:	N/A

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Inert substance	:	Sweep up, contain and collect.
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SECTION 7 – HANDLING AND STORAGE

Inert substance	:	No special requirements for hazard containment.
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SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

OEL	:	N/E
SAPMA rating	:	3-H-D
PPE	:	Dust mask and eye protection (Appropriate hand protection and protective clothing must always be used.)
Inhalation	:	Avoid excessive dust inhalation, use a dust mask
Skin	:	Wash before eating, drinking or smoking
Eyes	:	Avoid contact with dirty hands or gloves, use goggles
Ingestion	:	Wash before eating, drinking or smoking
Inert, non-toxic and non-allergenic. Ensure good ventilation and respiratory protection should be used.		

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Chemical class : Filler / extender
Appearance : White powder
Solubility : Not soluble in water
Sintering temperature : Ca 1000^oC
Melting point : Ca 1200^oC

SECTION 10 – STABILITY AND REACTIVITY

Generally inert, non-volatile and with an indefinite shelf life
Resistant to mild acids, alkalis and organic solvents.

SECTION 11 – TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic nor genetic effects established
LD 50 oral : Not established.

SECTION 12 – ECOLOGICAL INFORMATION

Not considered dangerous to the environment.

SECTION 13 – DISPOSAL CONSIDERATION

Minimal hazard with no problems contemplated in disposal.

SECTION 14 – TRANSPORT INFORMATION

UN number : N/A
Not considered hazardous for transport.

SECTION 15 – REGULATORY INFORMATION

South Africa : None
EC index number : N/A
S22 – Do not breathe excessive dust
S38 – In case of insufficient ventilation, use suitable respiratory equipment
CHIP 2 : Not classified.

SECTION 16 – OTHER INFORMATION

In case of any discomfort always seek medical advise.

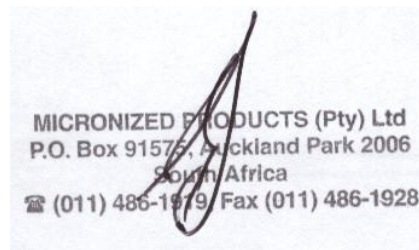
In emergency contact : Gunther Tiepelt at (011) 486 1919 or 082 462 6996.

Name: Gunther Tiepelt

Date: September 2010

Department: Technical

Signature:



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No responsibility is accepted for errors or omission nor the consequences thereof.

We make no guarantee that the health and safety precautions suggested herein will be adequate for all individuals and/or situations involving the products handling and use.

These recommendations were extracted from the EcoChem database, the HAZMAN program and the SAPMA guidelines.