

**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** : Muscovite Mica  
**Trade Name** : Mica 8

#### SECTION 1 – IDENTIFICATION OF THE SUBSTANCE

Name : Mica 8  
Identification : Muscovite Mica  
C.A.S. number : 12001-26-2  
ECODE : 34.01  
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

Muscovite Mica / Potassium Aluminium Silicate.  
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<sup>o</sup>C  
Melting point : Ca 1200<sup>o</sup>C

## 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.

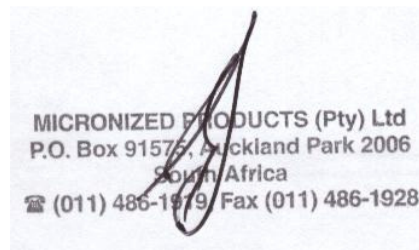
In emergency contact : Gunther Tiepelt at (011) 486 1919 or 082 462 6996.

**Name:** Gunther Tiepelt

**Date:** September 2010

**Department:** Technical

**Signature:**



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All information herein contained is typical, accurate and factual to the best of our knowledge and we uphold stringent quality control procedures on all of our products. However, no warranty is suggested or implied in respect of any recommendations, advice or suggestions made by our representatives, or any other person or persons associated to us, as the conditions, production, process and methods of use of our products may vary between same from time.

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.