

**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 30

#### SECTION 1 – IDENTIFICATION OF THE SUBSTANCE

Name : Mica 30  
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.

#### SECTION 7 – HANDLING AND STORAGE

Inert substance : No special requirements for hazard containment.

#### 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°C  
Melting point : Ca 1200°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.

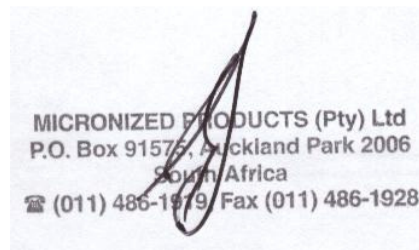
In emergency contact : Gunther Tiepelt at (011) 486 1919 or 082 462 6996.

**Name:** Gunther Tiepelt

**Date:** September 2010

**Department:** Technical

**Signature:**



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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.