

Revision: 2017/1 (19-05-2017)

SECTION 1 – IDENTIFICATION OF SUBSTANCE AND COMPANY

1.1 Product Identifier:

Product Name Kaolin & Ball Clays

Trade Names Kaolin

> **Kaolin Super Kaolin STD Kaolin FF Kaolin Raw**

Glenhoek Black / White Mayfield 2nd Grade **Mayfield Super**

Product Type Inert powder. (Beige, yellow, pink, brown and white)

1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against:

Relevant Identified Uses Used in all kinds of coatings, ceramics, cosmetics and other industrial applications

(requiring fillers, extenders and carriers)

Uses Advised Against Not known

1.3 Classification of Substance or Mixture:

Supplier's Name Micronized Products (Pty) Ltd

Contact Address 214 Barry Hertzog Avenue

Greenside, Johannesburg

E-Mail sales@micronized.com

Office Telephone +27 11 486 1919

1.4 Emergency Telephone Number:

Company Representative +27 83 321 0416 (Weekdays from 07:30 to 15:30) **Emergency After Hours** +27 10111 (General emergency number)

SECTION 2 – HAZARDS IDENTIFICATION

2.1 Classification of Substance or Mixture:

Hydrated Aluminium Silicate. **Product Definition**

Classification Not classified as hazardous → Directive (EC) No. 1272/2008 (CLP)

2.2 Label Elements:

None → Directive (EC) No. 1272/2008 (CLP) **Pictogram** Signal Word None → Directive (EC) No. 1272/2008 (CLP) **Hazard Statements** None → Directive (EC) No. 1272/2008 (CLP)

Page 1 of 4

FELDSPAR · SILICA · TALC · MICA · BARYTES · VERMICULITE · KAOLIN

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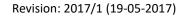
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www.micronized.com







2.3 Other Hazards: No other hazardous substance present

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substances:

Composition	Identifiers	Directive (EC) No. 1272/2008 (CLP)	% (w/w)	
Kaolin	CAS: 1332-58-7	Not classified as hazardous.	100	
(Hydrated Aluminium Silicate)	ECODE: 35.02			
	SAPMA: 3-H-D			

3.2 Mixtures: Not applicable

SECTION 4 – FIRST AID MEASURES

4.1 Description of First Aid Measures:

Eye Contact Rinse with plenty of water, and seek medical attention if discomfort persists

Inhalation Excessive dust exposure may lead to lung damage, but unlikely.

Move to fresh air until dust subsides

Skin Contact Always wash with clean water after being in contact

Ingestion Seek medical advice in case of discomfort. No direct hazard expected

SECTION 5 – FIREFIGHTING MEASURES

Not applicable, non-combustible material

Use an extinguishing agent suitable for the surrounding fire

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Inert substance, sweep up, contain and collect

SECTION 7 - HANDLING AND STORAGE

Inert substance, no special handling and storage requirements

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control Parameters:

Occupational Exposure Limits TWA: 2mg/m³ (as the respirable fraction) averaged over an 8-hour work shift

8.2 Exposure Controls:

Appropriate Eng. Controls Substance in inert, not-toxic and non-allergenic.

Ensure well ventilated area to control worker exposure to airborne contaminants

PPE Advised Dust mask and eye protection.

Task appropriate hand protection and protective clothing must always be used

Other Wash before eating, drinking or smoking

Silica



SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on Basic Physical and Chemical Properties:

Appearance White, Brown, Pink, Beige or Yellow Powder

Odour **Odourless**

Solubility Not soluble in water

Sintering Temperature 1000 °C **Melting Point** 1200 °C

9.2 Other Information: None

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

10.1 Reactivity: Inert, non-volatile and with an indefinite shelf life

10.2 Chemical Stability: Resistant to mild acids, alkalis and organic solvents

10.3 Hazardous Reactions: Not applicable (None)

10.4 Conditions to Avoid: Not applicable (None)

10.5 Incompatible Materials: Not applicable (None)

10.6 Hazardous Decomposition None known

SECTION 11 – TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects:

Non-toxic **Acute Toxicity Acute Toxicity Estimates** Not applicable Mutagenicity None established None established Carcinogenicity

SECTION 12 - ECOLOGICAL INFORMATION

Not considered dangerous to the environment

SECTION 13 – DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods:

Product Non-hazardous

Packaging Waste packaging should be recycled where feasible

SECTION 14 – TRANSPORT INFORMATION

14.1 UN Number: Not regulated

14.2 UN Proper Shipping Name: Not applicable

14.3 Transport Hazard Class: Not applicable



Revision: 2017/1 (19-05-2017)

Silica

14.4 Packing Group: Not applicable

14.5 Environmental Hazards: None

SECTION 15 – REGULATORY INFORMATION

15.1 Safety, Health and Environmental Regulations / Legislation Specific for the Substance or Mixture:

South Africa None

EC Index Number Not applicable

15.2 Chemical Safety: Chemical safety assessment is not required for the substance

SECTION 16 – OTHER INFORMATION

16.1 Revision Details:

Current Revision No. 2017/1

Current Revision Date 11-06-2017

Prepared By Ken le Roux

Previous Revision Date 01-01-2012

16.2 Disclaimer: The information contained in this data sheet is based on present scientific and

technical knowledge. The purpose of this information is to draw attention to the health and safety aspects concerning the products supplied, and to recommend precautionary measures for the storage and handling of the products. No warrantee or guarantee is given in measures described in this data sheet or for

any misuse of the products $% \label{eq:control_eq} % \label{eq:control_eq} %$