Micronized Group

Not your average run of the mill

Document Type : MATERIAL SPECIFICATION

Product : TALC – Grade RB

QC Code

: TRB

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Item Code:	TRB
Item Description:	Talc – Grade RB
Raw Material Class:	INORGANIC MINERAL – Magnesium Phyllosilicate
CAS Number:	14807-96-6

GENERAL INFORMATION:

Manufacturer:Micronized Products (Pty) Ltd, Johannesburg, South Africa.Trade Name:Talc – Grade RB

Store undercover in a cool, dry place protected from moisture.

PROVISIONAL SPECIFICATION AND BATCH CERTIFICATE:

Parameter	Result	Test Method
Appearance	Very fine, white or almost white powder; free from grittiness. Exceeding standard.	Visual
Odour	Odourless, comparable to standard.	Olfactory/Gustatory
Microbial Quality	Maximum Total Count – 500cfu/gm.	ISO 4833
Whiteness	95	Sheenopac Reflectometer
SiO ₂	62%	XRD - M451
MgO	31,5%	XRD - M451
Acid-solubles	< 1,00%	
Water-solubles	< 0,1%	
Arsenic	< 1.0ppm	XRF
Lead (as Pb)	< 0.5ppm	XRF
Asbestos Minerals	Nil - Not detected	Microscopy
Particle Size	99,1% passing 325 mesh 94,9% passing 45um	Wet Screen Analysis Malvern Laser Diff.
Free Moisture	0,2%	Ignition 200°C
CaO	0,2%	XRD - M451
Fe ₂ O ₃	< 0,1%	XRD - M451
AI_2O_3	< 0,2%	XRD - M451
LOI	5,9%	Ignition 850°C

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Tel: +27 11 486-1919 Fax: +27 11 486-1928 E-mail: info@micronized.com 214 Barry Hertzog Ave Greenside Johannesburg South Africa 2193 Page number: 1 of 2 Last update: Feb 2011 Revision: 3

Document Type : MATERIAL SPECIFICATION Micronized Group Product : TALC – Grade RB Not your average run of the mill QC Code : TRB Visit us online at www,micronized.com Particle Size Distribution 8 7 6 Volume (%) 5 4 3 2 1

Particle Size (µm)

10

100

1000

3000

KEY SAFETY DATA:

0.01

0.1

Hazards identification:

Nuisance dust; prolonged or repeated exposure to the dust may produce a form of pulmonary fibrosis (Talc pneumoconiosis)

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<u>Name:</u>	Dr John Tew	Date: February 2011	
<u>Department:</u>	Head Office	<u>Signatur</u>	MICRONIZED PRODUCTS (Phy) Lbd P.O. Box \$1575, Product 2006 Social 1 & (011) 489-1910, Fax (011) 489-1929

DISCLAMER

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