



# Namekara Mining Company Ltd

## MATERIAL SAFETY DATA SHEET - CRUDE VERMICULITE (ALL GRADES)

### 1.0 IDENTIFICATION OF THE SUBSTANCE AND COMPANY

#### 1.1 SUBSTANCE/PREPARATION

Crude Vermiculite (All Grades)

#### 1.2 COMPANY

Namekara Mining Company Uganda Limited  
2<sup>nd</sup> Floor, Legacy House  
38B Windsor Crescent, Kololo  
P.O. Box 30330, KAMPALA

**UGANDA**

#### 1.3 EMERGENCY TELEPHONE

**NUMBERS** +44 7564540893 +256 776 330021, +256 789363722, +256 782 539845, +256 785 687 705

### 2.0 COMPOSITION/INFORMATION ON INGREDIENTS

Material	CAS No.	Typical Composition
Hydrated magnesium-aluminium-iron silicate (Vermiculite)	1318-00-9	100%
Crystalline Silica	14808-60-7	<0.01%

### 3.0 HAZARDS IDENTIFICATION

Namekara vermiculite do not constitute any known health hazards and do not meet the criteria for classification as dangerous as defined by Directive 67/548 EEC and its amendments.

### 4.0 FIRE FIGHTING MEASURES

These products are non-flammable. There are no limitations on extinguishing media.

### 5.0 ACCIDENTAL RELEASE MEASURES

Personal Protection: See Section 7, Exposure Controls/personal protection.

Spillage: collect by wet sweeping or vacuum. Vermiculite is commonly used to collect liquid spillage.

### 6.0 FIRST AID MEASURES

**Oral:** Not harmful. Vermiculite is used as a carrier in animal food stuffs.

**Eye:** Wash with plenty of clean running water and if irritation persists, seek medical advice.

**Skin:** Wash with plenty of running water and soap.

**Inhalation:** Immediately remove from exposure. Seek medical advice where distress is caused or large amounts of dust have been inhaled.

### 7.0 EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 7.1 EXPOSURE LIMITS

For the purposes of determining Occupational Exposure Limits, vermiculite should be classified as mica.

C.A.S No.	SUBSTANCE	O.E.L. mg/m <sup>3</sup>
1318-00-9	Mica	1
14808-60-7	Crystalline Silica	<0.01

#### 7.2 PERSONAL PROTECTION

**Respiratory:** The use of dust masks or equivalent to EN149 Category FFP2S, and the provision of dust extraction/ventilation where dust is produced is recommended.

**Hands:** Gloves

**Eyes:** Goggles

**Skin:** General Protective Overalls.

### 8.0 HANDLING AND STORAGE

#### 8.1 HANDLING

Vermiculite must be handled in a manner that minimises the generation of dust. It is thus advised to make use of engineering controls and making sure there is adequate ventilation to minimise the dust levels.

#### 8.2 STORAGE

Store under normal dry conditions.

Keep containers closed.

### 9.0 PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Golden brown flakes

**Odour:** None

**PH:** 6.5-7.5

**Boiling Point:** Not Applicable

**Melting Point:** 1,330deg. Celsius

**Flash Point:** Not Applicable

**Flammability:** Non Flammable

**Explosive Properties:** Not Applicable

**Solubility in Water:** Not Soluble.

#### 10.0 STABILITY AND REACTIVITY

Vermiculite is considered to be stable and inert.

#### 11.0 TOXICOLOGICAL INFORMATION

Vermiculite does not constitute any known health Hazard.

#### 12.0 ECOLOGICAL INFORMATION

According to our experience, no adverse effects are to be expected. Vermiculite is commonly used as a soil improver and is not readily biodegradable. Vermiculite is not expected to bio-accumulate, neither is it expected to be toxic to aquatic life.

#### 13.0 TRANSPORT INFORMATION

No special transport arrangements are necessary for Vermiculite as the product is not classified as dangerous for conveyance.

#### 14.0 DISPOSAL GUIDELINES

No special treatment is required before the disposal of Vermiculite. Disposal of vermiculite must be done in accordance with relevant national and local regulations.

#### 15.0 REGULATORY INFORMATION

This product is not classified under the Chemical (Hazard Information and Packaging) Regulations, 1993.

#### 16.0 LIABILITY

Namekara Mining Company Uganda Limited believes this information to be accurate and reliable as at the date of publication. However, no representation, warranty, or guarantee is made or implied in respect of the accuracy, reliability or completeness of the information contained herein. It is the user's responsibility to satisfy themselves as to the suitability and completeness of such information for their own particular uses.

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