

**Mikolit B****1. Product/company identification.**

<i>Product name</i>	Mikolit B
<i>Type</i>	Clay mix containing Sodium carbonate activated calcium montmorillonite clay
<i>Application</i>	A betonite sealant for applications in civil engineering, drilling etc.
<i>Supplier</i>	Terratech BV, Engelenkampstraat 71, 6130 AB Sittard, Netherlands
<i>Contactperson</i>	Mr A. Timmermans tel. (31)46 452 6662 fax (31)46 451 3055

**2. Composition/ingredients**

according RFA/DIN 51001	
SiO <sub>2</sub>	55%
Al <sub>2</sub> O <sub>3</sub>	17%
Fe <sub>2</sub> O <sub>3</sub>	9%
Other	19%

**3. Hazards Identification**

The components of the products are not listed for classification under the CHIP 2 Regulations 1994, and in the forms supplied these products can be considered non-hazardous.

Any dust generated during handling is also non-hazardous provided exposure is kept below Occupational Exposure Limits. The respirable free silica component is classified as a potential hazard to health by prolonged inhalation. Wet clay on the floor could present slipping hazard.

**4. First-Aid measures**

Eye contact: Irrigate with plenty of cold water.  
Skin contact: No measures required.  
Ingestion: inform doctor  
Inhalation: remove to fresh air  
Other: no measure required

**5. Fire-Fighting measures**

The products are non-combustible and no measures are required.  
Extinguisher type: General-Purpose-for packing material only.  
Special Procedures: None required.

**6. Accidental release measures.**

There are no known risks associated with the products in contact with water or water.  
Accidental spillages should be recovered in a manner that minimises the creation of dust or slippery surfaces if wet.

**7. Handling and storage.**

Handle to avoid creating dust. Use local exhaust ventilation and appropriate respiratory protection where necessary.  
Store in a dry place, protected from sun, maintain good housekeeping practice.

**8. Exposure Controls/Personal protection.**

HSE Guidance note EH40 gives 8-hour TWA Occupational Exposure limits as follows:  
Montmorillonite: total inhalable dust 10 mg/m<sup>3</sup> (OES) Respirable dust 5 mg/m<sup>3</sup> (OES)  
Silica, Crystalline: Respirable dust 0,4 mg/m<sup>3</sup> (MEL)  
Below these limits the products can be considered non-hazardous. The use of local exhaust ventilation and appropriate respiratory protection is nevertheless advised.

**9. Physical and Chemical properties**

Appearance: Creamy, free flowing granules  
Physical Form: Solid  
Specific Gravity, 2600KG/M<sup>3</sup>:  
Solubility in water: Insoluble  
pH: approx 10.5  
Odour: none

**10. Stability and Reactivity**

Chemical Stability: Stable in the form Supplied  
Conditions to avoid: none known  
Materials to avoid: none known  
Hazardous decomposition: none known

**11. Toxicological Information.**

Health Hazards  
Acute: none  
Chronic: Prolonged and continuous exposure to free crystalline silica by inhalation can lead to irreversible health effects.

**12. Ecological information**

Calcium Montmorillonite clay is a naturally occurring substance presenting no known ecological hazards.

**13. Disposal considerations**

The product may be disposed of as solid non-hazardous waste according to the national laws and local regulations.  
The product should either be moistened or covered with earth during landfill disposal to minimise airborne dust.

**14. Transport information.**

No special labelling or transport requirements are required for this product.

**15. Regulatory information**

Classification and labelling follows EEC directives and UK EH40 and COSHH guidelines  
Risk phrases: none  
Safety phrases: none

**16. Other Information**

This sheet is prepared to meet the requirements of the Chemicals Regulations 1994 (Hazard Information and Packaging for Supply)