

Revision 15-09-2003

**VERMICULITE****1) Identification of the Substance / Preparation and company**

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Product Information : Non crystalline Silicate (Amorphe)

Trade Name : Vermiculite

Supplier : DCM Compliance Ltd.  
31 Cecil Street  
Limerick  
Ireland

Emergency Number : 00353 87 6180596

**2) Composition / information on ingredients**

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Chemical Composition: Magnesium, Iron, Aluminium Silicate in different grades.

Chemical name: Vermiculite

CAS Number : 1318-00-9

**3) Hazards Identification**

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Hazards : No hazards known.

**4) First Aid Measures**

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After Eye contact: Wash with copious quantities of clean water and seek medical attention.

After Inhalation: Bring person in fresh air. Drink lots of water.

After Ingestion: Drink lots of water.

**5) Fire Fighting Measures**

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Material is non-combustable

**6) Accidental release measures**

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Personal precautions: No special precautions necessary.

Environmental precautions: No special precautions necessary.

Methods for cleaning up: Mechanical clean up.

**7) Handling and Storage**

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Precautions: By dust nuisance above MAC-value use suitable face mask.

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**8) Exposure controls / personal protection**

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Respiratory protection : Suitable face mask at MAC-value above 5 mg/m<sup>3</sup>

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**9) Physical and Chemical properties**

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Form	Moulded Grain
Colour	Gold/beige
Odour	None
Melting point	>1360 ° C
Flammability	Non combustible
Relative Density	70-130 kg/m <sup>3</sup>
pH-Value	6.5-7.5
Solubility in Water :	Not Soluble
Solubility in other solvents	<3% in mineral acids

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**10) Stability and reactivity**

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The product is stable

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**11) Toxicological Information**

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Acute Toxicity Not Known

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**12) Ecological Information**

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Material should be disposed of according to National or Regional regulations.

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**13) Disposal Considerations**

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Product : Material should be disposed of according to National or Regional regulations.

Contaminated Packaging : Material should be disposed of according to National or Regional regulations.

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**14) Transport Information**

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Proper Shipping Name Vermiculite

Vermiculite is a non Hazardous product according to transport regulations

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## 15) Regulatory Information

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Chemical Identity :	Non crystalline Silicate (Amorphe)
Labelling :	According to EC regulations
R-Phrases	None
S-Phrases	S38 - In case of insufficient ventilation, wear suitable respiratory equipment.

## 16) Other Information

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This information is only valid for the above mentioned product and does not include data for the use with other products or processes. The information and recommendations in this publication are to the best of our knowledge, information and belief, accurate at the date of publication. Nothing herein is to be construed as a warranty, whether expressed or implied. In all cases, it is the responsibility of the user to determine the applicability of such information or the suitability of any products for their own particular purposes.