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Your reliable business partner in world of vermiculite

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## TECHNICAL DATA SHEET

Product name: Expanded vermiculite  
Not Classified as hazardous according to criteria of 67/548/EWG norm and 1272/2008/WE and 1907/2006 (REACH) regulations. Doesn't contain the asbestos.

### Section 1. Product

#### 1.1. Product name

Expanded vermiculite - Micron, Superfine, Fine, Medium, Large

#### 1.2. Identified use

Thermal insulators, main component of fireproof and thermal insulation boards and panels, component of light and warm plasters, filler in brake pads and friction materials. An absorbent to protect chemical leaks. Protection in transports (bottles), for self-expanding seals and fillings. In ecology, sewage treatment plants, horticulture and agriculture as a biostimulator, temperature-maintaining, water-storing and odor-absorbing element. As a component/ additive of feed and food products.

#### 1.3. Physical data of the product

Gray, brown, silver, gold or yellow loose material, very light, "granular", porous, capable of absorbing large amounts of liquids (200-400%), Density 75 – 160 kg/m<sup>3</sup>, Characterized by a specific structure of flexible, thin layers. Resistant to temperatures ranging from -260 to 1200°C. It is also in the form of raw material.

#### 1.4. Form

Solid, porous

#### 1.5 Combustibility

Non-flammable. Product is resistant to direct fire and high temperatures. It does not pose a fire hazard.

### Section 2.

Number	Product name	Size	Size after expanding	Packaging
1	Micron	0,25 – 0,71 mm	0,25 – 1,0 mm	100l Bags or Big Bags
2	Superfine	0,30 – 1,0 mm	1,0 – 2,0 mm	100l Bags or Big Bags
3	Fine	0,71 – 2,0 mm	2,0 – 4,0 mm	100l Bags or Big Bags
4	Medium	1,40 – 4,0 mm	3,0 – 6,0 mm	100l Bags or Big Bags
5	Large	2,80 – 8,0 mm	8,0 – 15,0 mm	100l Bags or Big Bags

Crudes grit: **Micron** max. 10 % **Superfine** max. 10 % **Fine** max. 9 % **Medium** max. 9 % **Large** max. 15 %

The values may be slightly different, depending on the raw material source.