

# *P.V.P. Industries Inc.*

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## OMRI Request for detailed description on how vermiculite is exfoliated by P.V.P. Industries Inc.

P.V.P. Industries acquires our raw ore from three mining locations in Virginia (USA), Uganda (Africa) and/or China. The mines dry, screen and size the ore for us to purchase by grade. It is then brought into our facility by several different transportation means for us to heat to displace the trapped water within the particles and packaged for horticultural use. P.V.P. Industries Inc. **DOES NOT** add any emulsifiers, wetting agents, fertilizers or the like.

Below you will see an excerpt from the Vermiculite Association describing the exfoliation process-

“Vermiculite, when subjected to heat, exfoliates to form elongated concertina like particles which are lightweight, incombustible, compressible, highly absorbent, and non-reactive. Exfoliated vermiculite particles can have high cation exchange capacity and their surface chemistry may be modified.”

[http://www.vermiculite.org/pdf\\_word/Vermiculite\\_Horticultural\\_Brochure.pdf](http://www.vermiculite.org/pdf_word/Vermiculite_Horticultural_Brochure.pdf)

Any further processing information is proprietary and will not be disclosed.

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