



THERM-O-ROCK WEST, INC.

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FOOD SAFETY DOCUMENT

PERLITE

Perlite is a generic term for naturally occurring siliceous rock. It is mined at different locations around the world where it is crushed, screened, washed and checked for properly approved ASTM Standards and Specifications then shipped via truck or rail to Therm-O- Rock West in AZ.

At Therm-O-Rock West, the ore is heated in kilns to approximately 1700 degrees F causing the water inside the perlite ore to expand and "pop" the ore in a manner similar to popcorn up to 20 times its original volume. The process creates countless bubbles which account for the amazing light weight and other exceptional physical properties of expanded perlite. The now lightweight perlite is screened into different grades or particle sizes for various uses and packaged into plastic and mesh bags of many different cubic foot quantities. Subsequent shipment to the customer or distributor is done via truck, railcar or container.

Perlite is used in many different applications, such as horticulture and agriculture, construction, filtration, insulation, and other industrial applications.

In horticulture and agriculture, perlite is used as an amendment in mixes and media to improve drainage and airspace. It is inert, with an approximately neutral pH, lightweight, sterile when packaged, and approved for organic use by OMRI.

Therm-O-Rock West perlite is sold without the addition of any other components. It has no animal or biological additives and is a manure-free soil amendment.

Ronald J. Dobkin
President

