Applications of Perlite

Gradilactic

Roof decking, concrete floor fill, concrete blocks, bitumized perlite, perlite asphalt, core filler in wallboards, cavity wall insulations, refrigeration plants, portable ice boxes, containers

Ambient & Low Temperature Insulation

High Temperature Insulation

Foundry cores & molds, ovens, crucible topping

Oil Well Treatments

Oil well cementing & low density mud

Fireproofing

Fire insulation in safes, rooms, doors, chimney linings

Acoustic

Plasters, mortars, plaster boards, ceiling tiles & upper wall insulation, highway sound absorbing walls

Horticulture

Plant rooting, seed starting medium, growing medium, soil conditioner, seed coating, hydroponic, green roofs

Lightweight Aggregate Construction

Lightweight aggregate concrete, tilt-up panels, bricks & tiles, pottery & refractories, non-load bearing fill, tunnel walls & pipe coating, floors, masonry, roofs, pipes-leveling, insulation

Crude Ore

Sandblasting, foundry & steel industries, slag coagulant, special casting sand, metal finishing, silica

source

Expanded

Granules of different

bulk density

and size

Medium to High Temperature Insulation

Boiler covering in quilted mattresses & in hardsetting compositions, pipe covering in coaxial tubes, compression molded pipe half sections, pour-in pipe insulation

Cryogenics

Super-cooled industrial gases in containers for transport & in stationary plants

Abrasive

Soaps, cleaners, polishes, dental compounds, stone wash wheels, discs

Fillers

Explosives, caulking compositions, paints, plastics, packing for shipping

Adsorption

Carrier of agrichemicals in pesticides & herbicides, fertilizer bulking, pelletized seeds, catalytic carrier, oil adsorption for pollution control & clean up

Agricultural Additive/Supplement

Poultry litter supplement to reduce odor & moisture adsorbant, animal feed anti-caking agent & filler, carrier for nutrients/medicines

Liquid Filtration

Beer, wine, edible oils, citric acid, sugar, oils, pharmaceuticals, fruit juices, glucose, chemicals, wort, swimming pool water, potable water, storm water runoff, bio diesel

Air Filtration

Pre-coat for baghouses





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