

Material Safety Data Sheet

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Section I – Product Identification

<u>Trade Name:</u>	Palmetto Pool Base
<u>Chemical Name:</u>	Portland Cement Lightweight Concrete
<u>Chemical Formula:</u>	Blend of Portland Cement, Vermiculite and other minor ingredients.
<u>Transportation Classifications:</u>	<u>Surface Freight Classification:</u> Wall Plaster
<u>US DOT CLASS:</u> Not hazardous	<u>Canada Transportation of Dangerous Goods</u>
<u>USDOTID#:</u> Not Applicable	<u>TDG Class:</u> Not hazardous
<u>US DOT LABEL</u> Not Applicable	

Health : 0 Flammability : 0 NPCA-HMIS Hazard Index Reactivity : 0 Personal Protection : E

Section II – Hazardous Ingredients / Identity Information

<u>Ingredient, Chemical & Common Name</u>	<u>% by Weight</u>	<u>CAS #</u>
Portland cement	Proprietary	65997-15-1
Vermiculite (refined & exfoliated)	Proprietary	1318-00-9
Other additives	Minor	Mixture

This product, in particular the Portland cement, may contain variable amounts of free silica and other minerals in dust form which may become airborne during jobsite handling prior to adding water. Jobsite dust could assay more than 1% free silica which would require a reduction of the 15 mg/cum dust and 5 mg/cum respirable dust TLV per CFR 1910.1000 Table 2 & 3.

Section III – Physical / Chemical Characteristics

<u>Boiling Point</u>	N/A	<u>Specific Gravity</u>	N/A
<u>Vapor Pressure</u>	N/A	<u>Vapor Density</u>	N/A
<u>Solubility in Water</u>	Slight	<u>Volatiles</u>	None
<u>Evaporation Rate</u>	Unknown	<u>pH (in water)</u>	7 - 9
<u>Appearance & Odor</u>	Gray powder mixture	<u>Bulk Density (#/cu.ft.)</u>	17 – 25

Section IV – Fire And Explosion Hazard Data

<u>Flash Point</u>	None	<u>Flammability Limit</u>	None	<u>LEL</u>	None	<u>UEL</u>	None
<u>Extinguishing Media</u>	As suitable for surrounding fire.						
<u>Unusual Fire & Explosion Hazards</u>	None – Material will smoke during fire. Avoid Breathing smoke and fumes						
<u>Auto Ignition Temperature</u>	Vermiculite	None	Cement	None			

Section V – Reactivity Data

<u>Stability</u>	Stable
<u>Conditions to Avoid</u>	None
<u>Incompatibility (Materials to Avoid)</u>	None Known
<u>Hazardous Polymerization</u>	Will Not Occur
<u>Hazardous Decomposition or Byproducts</u>	None Known

Section VI – Health Hazard Data

<u>Routes of Entry</u>	
<u>Inhalation</u>	Dusts may be irritating and harmful
<u>Skin</u>	Prolonged skin contact may cause dry skin and alkali burns.
<u>Ingestion</u>	Minor ingredient is harmful if ingested in large quantities. Consult physician immediately.
<u>Eyes</u>	Will cause physical or chemical irritation and inflammation of the cornea.
<u>Health Hazards (Acute / Chronic)</u>	None known or expected
<u>Carcinogenicity</u>	
<u>NTP</u>	Ingredients not on list
<u>IARC Monographs</u>	Ingredients not on list
<u>OSHA Regulated</u>	Ingredients not on list
<u>Signs and Symptoms of Exposure</u>	Repeated exposure to dusts without use of nuisance dust protection may result in respiratory irritation, pulmonary injury or disease.
<u>Medical Conditions Generally Aggravated by exposure</u>	See skin and eyes above.
<u>Emergency and First Aid</u>	If inhaled, get fresh air. If symptoms persist, consult physician. In case of eye contact, flush with water. If tearing, blinking or irritation continues, consult a physician.

Section VII – Precautions for Safe Handling and Use

Steps to be taken if material is released or spilled

Sweep or vacuum material into a container for reuse or disposal in accordance with Federal, State, and Local Regulations.

Waste Disposal Method

This material, unless contaminated, may be disposed of as clean fill.

Precautions for Handling And Storage

Store in cool, dry ventilated area. Use normal precautions for lifting and transporting heavy loads.

Section VIII – Control Measures

Respiratory Protection

NIOSH approved Nuisance Dust Mask

Ventilation

Local exhaust adequate to control dust.

Protective Gloves

Optional

Eye Protection

Required

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