



**packaging**

portland cement



# Material Safety Data Sheet

**Health = 1**

**Flammability = 0**

**Reactivity = 0**

ASH GROVE PACKAGING GROUP  
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Little Rock, AR 72211  
Phone: (888) 289.1117  
Fax: (501) 224.3882  
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## Section I. Product Identification

Trade Name: Ash Grove® Portland Cement  
Synonyms: Portland Cement  
Manufacturer and/or Supplier: Materials Packaging Company  
Address: 10809 Executive Center Drive  
Manufacturer and Emergency Telephone: (888) 289-1117  
Effective Date: October 6, 2009

## Section II. Hazardous Ingredients

Description	CAS#	TLV	PEL	Vapor Pres.
Portland Cement – total dust	65997-15-1	10mg/m3	15mg/m3	NA
Portland Cement – respirable dust	65997-15-1	NA	5mg/m3	NA
Quartz	14808-60-7	.05mg/m3	10mg/m3	NA

## Section III. Physical Data

Boiling Point: NA  
Vapor Pressure (mmHg): NA  
Vapor Density (Air = 1): NA  
Solubility in Water: Slight  
Appearance/Odor: Gray powder; No Odor  
Specific Gravity (Water = 1): 2.9-3.1  
% Volatile by Volume (%): NA  
Evaporation Rate: NA



portland cement (cont.)

#### Section IV. Fire & Explosion Hazard Data

Flash Point:	Portland cement is non-combustible and not explosive
Flammable Limits – UEL (%):	NA
– LEL (%):	NA
Extinguishing Media:	NA
Special Firefighting:	NA
Unusual Fire and Explosion Hazards:	NA

#### Section V. Health Hazard Data

Threshold Limit Value:	Respirable Dust – TLV 10mg/m <sup>3</sup>
Effects of Overexposure:	Excessive exposure by inhalation over an extended period of time may result in the development of pulmonary diseases including pneumoconiosis and silicosis. Skin and eye irritant. Can cause alkali burns and dermatitis.
Emergency First Aid:	
Skin:	Wash thoroughly with pH-neutral soap and water.
Eyes:	Flush thoroughly with water for 15 minutes. Consult physician immediately.
Inhalation:	Remove from exposure. Seek medical attention if coughing and other symptoms do not subside. Inhalation of gross amounts of Portland cement requires immediate medical attention.
Ingestion:	Consult a physician immediately. Do not induce vomiting. Drink plenty of water.

#### Section VI. Reactivity Data

Stability:	Stable
Stability Conditions to Avoid:	NA
Materials to Avoid:	Strong acids may cause violent, exothermic reactions.
Hazardous Decomposition Products:	None
Hazardous Polymerization:	Will not occur

#### Section VII. Spill or Leak Procedures

Spill or Leak Procedures:	Use dry cleanup methods that do not disperse the dust into the air. Avoid breathing the dust. Emergency procedures are not required.
Waste Disposal Methods:	Dispose waste material in accordance with federal, state and local requirements.

#### Section VIII. Special Protection Information

Eye Protection:	Goggles or safety glasses with side shields. Contact lenses should not be worn when working with Portland cement.
Glove Requirements:	Impervious rubber
Respiratory Protection:	Use NIOSH/MSHA approved for protection of silica and nuisance dust.
Ventilation:	Local exhaust
Clothing:	Rubber boots, arm sleeves and aprons when necessary to prevent skin contact.
Wash Requirements:	Wash with PH neutral soap and clean water.

#### Section IX. Handling & Storage Precautions

Storage:	Keep dry
Storage Temperature:	NA
Other Precautions:	Take necessary steps to avoid nuisance dusts.



portland cement (cont.)

<b>Section X. Shipping Information</b>
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<b>DOT Shipping Name:</b>	<b>Bagged Portland Cement</b>
<b>DOT Hazard Class:</b>	<b>Non-Hazardous Class 50</b>
<b>DOT Reportable Quantity:</b>	<b>NA</b>

<b>Section XI. Other</b>
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**Note: The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, express or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to silica contained in our products.**