



anchor set



## Material Safety Data Sheet

**Health = 1**

**Flammability = 0**

**Reactivity = 0**

ASH GROVE PACKAGING GROUP  
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### Section I. Product Identification

Trade Name: Ash Grove® Anchor Set  
 Synonyms: Portland Cement Mortar  
 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	65997-15-1	10mg/m3	15mg/m3	NA
Crystalline Silica	14408-60-7	.05mg/m3	.05mg/m3	NA
Calcium Aluminate	65997-16-2	10mg/m3	15mg/m3	NA
Calcium Sulfate	10101-41-4	10mg/m3	15mg/m3	NA
Proprietary Additives	Non-Hazardous	5mg/m3	5mg/m3	NA

### Section III. Physical Data

Boiling Point: NA  
 Vapor Pressure (mmHg): NA  
 Vapor Density (Air = 1): NA  
 Solubility in Water: Slight  
 Appearance/Odor: Light gray sanded powder; No odor

Specific Gravity (Water = 1): NE  
 % Volatile by Volume (%): NA  
 Evaporation Rate: NA



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

Flash Point:	NA
Flammable Limits – UEL (%)	NA
– LEL (%):	NA
Extinguishing Media:	NA
Special Firefighting:	Water causes product to set hard.
Unusual Fire and Explosion Hazards:	None

#### 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 soap and water.
Eyes:	Flush thoroughly for 15 minutes. Consult physician if irritation persists.
Inhalation:	Remove from exposure. If not breathing, give artificial respiration. Give oxygen for breathing difficulties. Consult physician.
Ingestion:	Dilute with large doses of water.

#### Section VI. Reactivity Data

Stability:	Stable
Stability Conditions to Avoid:	NA
Materials to Avoid:	Strong acids may cause violent, exothermic reaction.
Hazardous Decomposition Products:	NA
Hazardous Polymerization:	Will not occur

#### Section VII. Spill or Leak Procedures

Spill or Leak Procedures:	Use personal protective equipment to prevent dust exposures and protect against alkali burns or irritation.
Waste Disposal Methods:	Dispose of in accordance with federal, state and local regulations.

#### Section VIII. Special Protection Information

Eye Protection:	Goggles
Glove Requirements:	Rubber, PVC, Neoprene
Respiratory Protection:	NIOSH/MSHS approved for protection against silica and nuisance dusts.
Ventilation:	Local exhaust – maintain below TLV/PEL.
Clothing:	Rubber boots, arm sleeves and aprons when necessary to prevent skin contact.
Wash Requirements:	Soap and water

#### Section IX. Handling & Storage Precautions

Storage:	Store in manner to prevent contact with strong acids. Avoid contact with water to preserve product.
Storage Temperature:	Avoid freezing temperatures to insure product potential.
Other Precautions:	None



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<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>NA</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.**