



**packaging**

cure & seal



## Material Safety Data Sheet

**Health = 1**

**Flammability = 0**

**Reactivity = 0**

ASH GROVE PACKAGING GROUP  
10809 Executive Center Drive, Ste. 321  
Little Rock, AR 72211  
Phone: (888) 289.1117  
Fax: (501) 224.3882  
[www.ashgrovepkg.com](http://www.ashgrovepkg.com)

### Section I. Product Identification

Trade Name: Ash Grove Pro® Cure & Seal  
Synonyms: Aqueous Acrylic Emulsion  
Manufacturer and/or Supplier: Materials Packaging Company  
Address: 10809 Executive Center Drive  
Manufacturer and Emergency Telephone: (888) 289-1117  
Effective Date: September 18, 2009

### Section II. Hazardous Ingredients

Description	CAS#	TLV	PEL	Vapor Pres.
Styrene/Acrylic Copolymer	Non-Hazardous	NE	NE	17mmHg@68°F
Ammonium Hydroxide	7664-41-7	25ppm	35ppm	560mmHg@20°C
2,2,4-Trimethyl-1,2-Pentanediol Monoisobutyrate	25265-77-4	NE	NE	.02mmHg@20°C
Sulfactant Mixture	Non-Hazardous	NE	NE	NA
Proprietary Additives	Non-Hazardous	10mg/m3	NE	17mmHg@20°C

### Section III. Physical Data

Boiling Point (F):	212°F	Specific Gravity (Water = 1):	1.05-1.2
Vapor Pressure (mmHg):	17 @ 68°F	% Volatile by Volume (%):	70 - 85
Vapor Density (Air = 1):	<1 Water	Evaporation Rate:	<1 Water
Solubility in Water:	Dilutable		
Appearance/Odor:	Milky white liquid; Slight ammonia odor		



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

Flash Point:	Non-combustible
Flammable Limits – UEL (%):	NA
– LEL (%):	NA
Extinguishing Media:	NA
Special Firefighting:	None
Unusual Fire and Explosion Hazards:	Polymer film may burn. Material may splatter above 212°F.

#### Section V. Health Hazard Data

Threshold Limit Value:	STEL-35 ppm for ammonia LD 50=>5 Gr/Kgr
Effects of Overexposure:	Vapor or mist may cause headache, nausea and irritation of nose, throat and lungs. Irritant to skin and eyes.
Emergency First Aid:	
Skin:	Wash with soap and water.
Eyes:	Flush with large amounts of water for 15 minutes. Consult physician if irritation persists.
Inhalation:	Move to fresh air.
Ingestion:	Give several glasses of milk or juice. Consult a physician if unusual symptoms develop.

#### Section VI. Reactivity Data

Stability:	Stable
Stability Conditions to Avoid:	Temperatures above 250°F
Materials to Avoid:	NA
Hazardous Decomposition Products:	None
Hazardous Polymerization:	Will not occur

#### Section VII. Spill or Leak Procedures

Spill or Leak Procedures:	Dike and contain spills with earth or sand. Transfer liquid to containers for recovery or disposal. Flush area with water.
Waste Disposal Methods:	Approved landfill or incinerator according to local, state or Federal environmental regulations.

#### Section VIII. Special Protection Information

Eye Protection:	Goggles-ANSI 287.1
Glove Requirements:	Impervious - Rubber
Respiratory Protection:	NIOSH/MSHA approved
Ventilation:	Local exhaust
Clothing:	None special
Wash Requirements:	Soap and water

#### Section IX. Handling & Storage Precautions

Storage:	Keep in closed container.
Storage Temperature:	Protect from freezing and extreme temperatures.
Other Precautions:	NA



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<b>Section X. Shipping Information</b>
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<b>DOT Shipping Name:</b>	<b>Liquid Polymer</b>
<b>DOT Hazard Class:</b>	<b>Non-Hazardous – Class 55</b>
<b>DOT Reportable Quantity:</b>	<b>NR</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.**