



**packaging**

pro cure & seal



## 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 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: October 6, 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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