

**MATERIAL SAFETY  
DATA SHEET  
V - Seal™**

Primary Acoustics  
2801 Sisson Street  
Baltimore, MD 21211-2902  
Emergency: (410) 338-1122  
Information: (410)338-1122

Revised: January 2007

Page: 1 of 3

**HMIS RATING**

HMIS Hazard Identification system: 0-Minimal 1-Slight 2-Moderate 3-High 4-Extreme \*-Chronic

Health: 1 Flammability: 0 Reactivity: 0

**SECTION I - IDENTITY**

Trade Name: V-Seal

Product Class: Acrylic Emulsion Based Adhesive

D.O.T.#: N/A

UN#: N/A

D.O.T. Hazardous Class: N/A

**SECTION II - HAZARDOUS INGREDIENTS**

INGREDIENT	CAS NUMBER	WT %	A C G I H		O S H A		NOTES
			TLV-TWA	TLV-STEL	PEL-TWA	PEL-CEIL	
Acrylic Polymer	Not Required	54-56	N/A	N/A	N/A	N/A	
Calcium Carbonate	1317-65-3	N/A	N/A	N/A	N/A	N/A	
Water	7732-18-5	N/A	N/A	N/A	N/A	N/A	
Titanium Dioxide	13463-67-7	N/A	N/A	N/A	N/A	N/A	
Ammonium Hydroxide (29%)	1336-21-6	0.005	10MG/M	10MG/M	10MG/M	N/A	

**SECTION III - PHYSICAL & CHEMICAL CHARACTERISTICS**

Physical State: Flexible Mastic    Odor & Appearance: Slight Ammonia Odor/Gun Grade Mastic  
VOC: None Present    Odor threshold: N/A    Vapor Pressure: Not Established  
Vapor Density: Not Established    Evaporation Rate: Less Than 1    Boiling Point: 100°C  
Freezing Point: 0°C    pH:7.5-8.4    Specific Gravity: 1.58    Solubility in Water: Soluble  
Volatile By (% WT): 30 (water)

**SECTION IV - FIRE & EXPLOSION HAZARD DATA**

Flammability: None    Flash Point and Method: None-tcc  
Auto ignition Temp.: Not Established    Hazardous Combustion Product: None  
Upper Flammable Limits: N/A    Lower Flammable : N/A

Extinguishing Media: None needed in liquid state. For cured material use Water, Foam, Carbon Dioxide, or Dry Chemical

Special Fire Fighting Procedures: None, however firefighters should always use self contained breathing apparatus as nitrogen oxides and carbon monoxides may be involved

Unusual Fire and Explosion Hazards: None

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Page: 2 of 3

**SECTION V - REACTIVITY DATA**

Stability: Stable  
Conditions To Avoid: None  
Incompatibility (Materials To Avoid): Materials that react with water (In non-cured form)  
Hazardous Decomposition And Decomposition Products: Carbon monoxide, carbon dioxide, ammonia, nitrogen oxides

**SECTION VI - TOXICOLOGICAL PROPERTIES**

Routes Of Entry: Skin, Eye Contact, Inhalation  
Effects Of Exposure To Products: No Evidence  
Effects Of Chronic Exposure To Products: No Evidence  
Exposure Limits: Ammonium Hydroxide 10 mg/cu. m.      Irritancy To Product: No Evidence  
Sensitivity To Product: None Known                      Carcinogenicity Of Product: No Evidence  
Reproductive Toxicity: No Evidence                      Mutagenicity: No Evidence  
Synergistic Products: None Known

**SECTION VII - PREVENTATIVE MEASURES**

**PERSONAL PROTECTIVE EQUIPMENT**

Respirator: None Required in ventilated area  
Gloves: No Significant concern  
Eye: Follow good industrial practice by wearing safety glasses  
Clothing: Follow good industrial practice  
Ventilation: General good ventilation is recommended  
Handling Procedure: Avoid contact with Skin, Eyes and use with adequate ventilation  
Leaks And Spills Procedure: Contain and pick up spill with absorbent material as required and dispose of in ordinance with Local, State, and Federal regulations  
Storage Requirements: Keep containers in cool, dry place.  
Waste Disposal: In accordance with Local, State, and Federal Regulations  
Hygienic Practices: Wash hands with soap and water before eating or drinking, launder clothing

**SECTION VIII - FIRST AID AND MEASURES**

**SPECIFIC MEASURES**

Eye Contact: Flush eyes with running water for 15 minute, seek medical attention  
Skin Contact: Remove with soap and water  
Inhalation: Remove to well ventilated area  
Ingestion: Do not induce vomiting. Get medical attention immediately

**SECTION IX -SUBJECT TO SARA SECTION 313 SUPPLIER NOTIFICATION**

CAS#: 1336-21-6

Chemical Name: Ammonium Hydroxide

Percent By WT.: 0.2

**MATERIAL SAFETY  
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Revised: January 2007  
Page: 3 of 3

<b>SECTION X - PREPARATION INFORMATION</b>
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Prepared By:     Research & Development  
Phone Number:   952-898-3200

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**OTHER COMMENTS**

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