



Polymer Adhesives

Sealant Systems, Inc.

# MATERIAL SAFETY DATA SHEET

## SECTION I

DISTRIBUTOR OR MANUFACTURER: <b>Polymer Adhesives Sealant Systems, Inc.</b>		EMERGENCY TELEPHONE NO. <b>CHEMTREC (800) 424-9300</b>
ADDRESS (Number, Street, City, State and ZIP Code) <b>501 Garrett Morris Parkway Mineral Wells, TX 76067</b>		
CHEMICAL FAMILY: <b>Acrylic Emulsion</b>	PRODUCT NAME AND SYNONYMS <b>Airseal #33</b>	
PRODUCT USE <b>Duct Sealant / Mastic</b>	FORMULA <b>Proprietary</b>	

## SECTION II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	CAS NUMBER	%	PEL (ppm)			SKIN DESIGNATION	LD50 OF INGREDIENT (SPECIFY SPECIES AND ROUTE)	LD50 OF INGREDIENT (SPECIFY SPECIES)
			TWA	STEL	CEILING			
Methyl Alcohol	67-56-1	<3	50ppm	250 ppm	50ppm	Yes	145,000 ppm /Rats	15,840 ppm/kg Skin Rabbits
Ammonium Hydroxide	1336-21-6	<0.4	25ppm	50ppm	N/A	NO	Oral rat -350 mg/kg	Inhalation Rat 2,000ppm/4hr

## SECTION III - PHYSICAL DATA

PHYSICAL STATE <b>Paste</b>	ODOR AND APPEARANCE <b>White or gray with slight paint odor</b>	VOC (grams/liter) Less Water & Exempt Solvents <b>35</b>	ODOR THRESHOLD (ppm) <b>N/A</b>
VAPOR PRESSURE <b>Not established</b>	VAPOR DENSITY <b>Not established</b>	EVAPORATION RATE <b>Less than 1</b>	BOILING POINT (°C) <b>100° C</b>
PH <b>8.0 - 9.5</b>	SPECIFIC GRAVITY <b>1.30 - 1.40</b>	COEFF. WATER/OIL DIST. <b>Not available</b>	SOLUBILITY IN WATER <b>Soluble</b>
			FREEZING POINT <b>0° C</b>
			VOLATILES BY WT. (%) <b>&lt;3</b>

## SECTION IV - FIRE AND EXPLOSION DATA

FLAMMABILITY NO <b>X</b> IF YES UNDER WHICH CONDITIONS?	FLASHPOINT (°C) AND METHOD <b>N/A</b>	AUTOIGNITION TEMPERATURE (°C) <b>Not established</b>	LOWER FLAMMABLE LIMIT (% BY VOLUME) <b>Not applicable</b>	UPPER FLAMMABLE LIMIT (%BY VOLUME) <b>Not applicable</b>
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HAZARDOUS COMBUSTION PRODUCTS  
**None**

EXPLOSION DATA <b>N/A</b>	SENSITIVITY TO IMPACT <b>Not sensitive to impact</b>	SENSITIVITY TO STATIC DISCHARGE <b>Not sensitive to static discharge</b>
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NFPA CODE (REPRESENTATIVE OF THE MOST VOLATILE COMPONENTS IN THE SYSTEM)  
**Health - 0 Flammability -0 Reactivity - 0 Protection -1**

EXTINGUISHING MEDIA  
**None needed in liquid state. In dry state 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 monoxide may be involved.**

UNUSUAL FIRE AND EXPLOSION HAZARDS  
**None**

PRODUCT NAME: Airseal #33

**SECTION V - REACTIVITY DATA**

CHEMICAL STABILITY	UNSTABLE		HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	STABLE	X		WILL NOT OCCUR	X	
<small>INCOMPATIBILITY (Materials to avoid)</small> Materials that react with water						N/A
<small>HAZARDOUS DECOMPOSITION PRODUCTS</small> Carbon monoxide & carbon dioxide						

**SECTION VI - TOXICOLOGICAL PROPERTIES**

<small>ROUTE OF ENTRY:</small> SKIN CONTACT [ ] SKIN ABSORPTION [ ] EYE CONTACT [ ] INHALATION [ ] INGESTION [ ]						
<small>EFFECTS OF ACUTE EXPOSURE TO PRODUCT</small> No evidence						
<small>EFFECTS OF CHRONIC EXPOSURE TO PRODUCT</small> No evidence						
<small>EXPOSURE LIMITS</small> See PEL		<small>IRRITANCY OF PRODUCT</small> No evidence		<small>SENSITIZATION TO PRODUCT</small> None known		<small>CARCINOGENICITY</small> No evidence
<small>TERATOGENICITY</small> No evidence		<small>REPRODUCTIVE TOXICITY</small> No evidence		<small>MUTAGENICITY</small> No evidence		<small>SYNERGISTIC PRODUCTS</small> None known

**SECTION VII - PREVENTATIVE MEASURES**

<small>PERSONAL PROTECTIVE EQUIPMENT</small>		
<small>GLOVES (SPECIFY)</small> No significant concern	<small>RESPIRATOR (SPECIFY)</small> None required in ventilated area	<small>EYE (SPECIFY)</small> Follow good industrial practices by wearing safety glasses.
<small>FOOTWEAR (SPECIFY)</small> Follow good industrial practices.	<small>CLOTHING (SPECIFY)</small> Follow good industrial practices.	<small>OTHER (SPECIFY)</small> N/A
<small>ENGINEERING CONTROLS (SPECIFY, E.G., VENTILATION, ENCLOSED PROCESS)</small> General good ventilation is recommended		
<small>LEAK OR SPILL PROCEDURE</small> In poor ventilation, a NIOSH approved respirator should be worn.		
<small>WASTE DISPOSAL</small> In accordance with Federal, State, and local regulations.		
<small>HANDLING PROCEDURES AND EQUIPMENT</small> Wash hands with soap and water before eating or drinking, launder clothing.		
<small>STORAGE REQUIREMENTS</small> Keep containers cool, dry, and away from heat. Store with adequate ventilation. Do not pressurize, cut, grind, or weld containers.		
<small>SPECIAL SHIPPING INFORMATION</small> Class 55, Item number 4620, Sub 5		

**SECTION VIII - FIRST AID MEAS**

<small>SPECIFIC MEASURES</small> <b>Eye Contact:</b> Flush eyes with running water for 15 minutes, get medical attention. <b>Skin Contact:</b> Flush skin with running water, wash with soap and water. <b>Inhalation:</b> Remove to well ventilated area. <b>Ingestion:</b> Do not induce vomiting. Get medical attention immediately.
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**SECTION IX - SARA Section 131 SUPPLIER NOTIFICATION**

CAS NUMBER	CHEMICAL NAME	PERCENT BY WEIGHT	CAS NUMBER	CHEMICAL NAME	PERCENT BY WEIGHT
67-56-1	Methyl Alcohol	<3			
1336-21-6	Ammonium Hydroxide	<0.4			

**SECTION X - PREPARATION INFORMATION**

<small>PREPARED BY (GROUP, DEPARTMENT, ETC.)</small> Research and Development	<small>PHONE NUMBER</small> (940) 328-9500	<small>DATE</small> 2/2/2008	<small>CHANGE NO.</small> 4	<small>SUPERSEDES ALL PREVIOUS PUBLICATIONS</small>
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