



Polymer Adhesives

Sealant Systems, Inc.

MATERIAL SAFETY DATA SHEET

SECTION I

DISTRIBUTOR OR MANUFACTURER: Polymer Adhesives Sealant Systems, Inc.		EMERGENCY TELEPHONE NO. CHEMTREC (800) 424-9300
ADDRESS (Number, Street, City, State and ZIP Code) 501 Garrett Morris Parkway Mineral Wells, TX 76067		
CHEMICAL FAMILY: Acrylic Emulsion	PRODUCT NAME AND SYNONYMS Airseal #22	
PRODUCT USE Duct Sealant / Mastic	FORMULA Proprietary	

SECTION II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	CAS NUMBER	%	TWA	PEL (ppm) STEL	CEILING	SKIN DESIGNATION	LD50 OF INGREDIENT (SPECIFY SPECIES AND ROUTE)	LD50 OF INGREDIENT (SPECIFY SPECIES)
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 Paste	ODOR AND APPEARANCE White or gray with slight paint odor	VOC* (grams/liter) Less Water & Exempt Solvents < 21	ODOR THRESHOLD (ppm) N/A
VAPOR PRESSURE Not established	VAPOR DENSITY Not established	EVAPORATION RATE Less than 1	BOILING POINT (°C) 100° C
PH 8.0 - 9.5	SPECIFIC GRAVITY 1.30 - 1.40	COEFF. WATER/OIL DIST. Not available	SOLUBILITY IN WATER Soluble
			FREEZING POINT 0° C
			VOLATILES BY WT. (%) <3

SECTION IV - FIRE AND EXPLOSION DATA

FLAMMABILITY NO X IF YES UNDER WHICH CONDITIONS?	FLASHPOINT (°C) AND METHOD N/A	AUTOIGNITION TEMPERATURE (°C) Not established	LOWER FLAMMABLE LIMIT (% BY VOLUME) Not applicable	UPPER FLAMMABLE LIMIT (% BY VOLUME) Not applicable
HAZARDOUS COMBUSTION PRODUCTS None				
EXPLOSION DATA N/A	SENSITIVITY TO IMPACT Not sensitive to impact		SENSITIVITY TO STATIC DISCHARGE Not sensitive to static discharge	

NFPA CODE (REPRESENTATIVE OF THE MOST VOLATILE COMPONENTS IN THE SYSTEM)

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 #22

SECTION V - REACTIVITY DATA						
CHEMICAL STABILITY	UNSTABLE		HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	STABLE	X		WILL NOT OCCUR	X	
INCOMPATIBILITY (Materials to avoid)					N/A	
Materials that react with water						
HAZARDOUS DECOMPOSITION PRODUCTS						
Carbon monoxide & carbon dioxide						
SECTION VI - TOXICOLOGICAL PROPERTIES						
ROUTE OF ENTRY: SKIN CONTACT [] SKIN ABSORPTION [] EYE CONTACT [] INHALATION [] INGESTION []						
EFFECTS OF ACUTE EXPOSURE TO PRODUCT						
No evidence						
EFFECTS OF CHRONIC EXPOSURE TO PRODUCT						
No evidence						
EXPOSURE LIMITS	IRRITANCY OF PRODUCT		SENSITIZATION TO PRODUCT		CARCINOGENICITY	
See PEL	No evidence		None known		No evidence	
MUTAGENICITY	REPRODUCTIVE TOXICITY		MUTAGENICITY		SYNERGISTIC PRODUCTS	
No evidence	No evidence		No evidence		None known	
SECTION VII - PREVENTATIVE MEASURES						
PERSONAL PROTECTIVE EQUIPMENT						
GLOVES (SPECIFY)		RESPIRATOR (SPECIFY)			EYE (SPECIFY)	
No significant concern		None required in ventilated area			Follow good industrial practices by wearing safety glasses.	
FOOTWEAR (SPECIFY)		CLOTHING (SPECIFY)			OTHER (SPECIFY)	
Follow good industrial practices.		Follow good industrial practices.			N/A	
ENGINEERING CONTROLS (SPECIFY, E.G., VENTILATION, ENCLOSED PROCESS)						
General good ventilation is recommended						
LEAK OR SPILL PROCEDURE						
In poor ventilation, a NIOSH approved respirator should be worn.						
WASTE DISPOSAL						
In accordance with Federal, State, and local regulations.						
HANDLING PROCEDURES AND EQUIPMENT						
Wash hands with soap and water before eating or drinking, launder clothing.						
STORAGE REQUIREMENTS						
Keep containers cool, dry, and away from heat. Store with adequate ventilation. Do not pressurize, cut, grind, or weld containers.						
SPECIAL SHIPPING INFORMATION						
Class 55, Item number 4620, Sub 5						
SECTION VIII - FIRST AID MEAS						
SPECIFIC MEASURES						
Eye Contact: Flush eyes with running water for 15 minutes, get medical attention. Skin Contact: Flush skin with running water, wash with soap and water. Inhalation: Remove to well ventilated area. Ingestion: Do not induce vomiting. Get medical attention immediately.						
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						
PREPARED BY (GROUP, DEPARTMENT, ETC.)	PHONE NUMBER	DATE	CHANGE NO.	SUPERSEDES ALL PREVIOUS PUBLICATIONS		
Research and Development	(940) 328-9500	02/02/2009	7			