



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 #11	
PRODUCT USE Duct Sealan / 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	N/A	Not established
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 ammonia odor		VOC* (grams/liter) Less Water & Exempt Solvents 35		ODOR THRESHOLD (ppm) N/A
VAPOR PRESSURE Not established	VAPOR DENSITY Not established	EVAPORATION RATE Less than 1		BOILING POINT (°C) 100° C		FREEZING POINT 0° C
pH 8.0 - 9.5	SPECIFIC GRAVITY 1.30 - 1.40	COEFF. WATER/OIL DIST. Not available		SOLUBILITY IN WATER Soluble		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 #11

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, nitrogen oxides						

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	
TERATOGENICITY	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 # 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	2/2/2008	5	