



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: Waterbased Sealant	PRODUCT NAME AND SYNONYMS Airtite #444	
PRODUCT USE Non Hardening Seam Sealant	FORMULA Proprietary	

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	Skin Rabbits 15,480 ppm / Kg
Mineral Sprits	64742-88-7	<2	100 ppm	N/E	N/A	N/A	Not Established	Not established
Ammonium Hydroxide	1336-21-6	<0.2	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 Gray with slight solvent odor			VOC (grams/liter) Less Water & Exempt Solvents 60	ODOR THRESHOLD (ppm) N/A
VAPOR PRESSURE Not established	VAPOR DENSITY Not established	EVAPORATION RATE N/E		BOILING POINT (°C) N/E	FREEZING POINT N/E	
PH 9.4 - 9.8		SPECIFIC GRAVITY 1.30 - 1.40		COEFF. WATER/OIL DIST. Not available	SOLUBILITY IN WATER Slightly soluble	VOLATILES BY WT. (%) <5

SECTION IV - FIRE AND EXPLOSION DATA

FLAMMABILITY X	IF YES UNDER WHICH CONDITIONS? NO		
FLASHPOINT (°C) AND METHOD Not established	AUTOIGNITION TEMPERATURE (°C) Not established	LOWER FLAMMABLE LIMIT (% BY VOLUME) Not established	UPPER FLAMMABLE LIMIT (%BY VOLUME) Not established

HAZARDOUS COMBUSTION PRODUCTS
None

EXPLOSION DATA N/A	SENSITIVITY TO IMPACT Not sensitive to impact	SENSITIVITY TO STATIC DISCHARGE Not sensitive to static discharge
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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: **Airtite #444**

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> 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			
64742-88-7	Mineral Sprits	<2			
1336-21-6	Ammonium Hydroxide	<0.2			

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> 3	<small>SUPERSEDES ALL PREVIOUS PUBLICATIONS</small>
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