



POLYMER ADHESIVES

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 GlassTack 25	
PRODUCT USE Duct Insulation Adhesive	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	50 ppm	250 ppm	50 ppm	Yes	Oral [Rat] 5628mg/kg	Dermal [Rabbit] 15840 mg/kg
Ammonium Hydroxide	1336-21-6	< 0.6	25 ppm	50 ppm	N/A	Yes	Oral [Rat] 350 mg/kg	
Crystalline silica (impurity)*	14808-60-7	< 1.1	0.05 mg/m3	10 mg/m3	N/A	N/A		
*This product is not expected to produce any unusual hazards during normal use. Exposure to high dust levels may irritate the skin, eyes, nose, throat, or upper respiratory tract. This product does not present an inhalation, ingestion, or contact health hazard unless subjected to operations such as sawing, sanding or machining which result in the generation of airborne particulate. This product contains quartz (crystalline silica) as a naturally occurring contaminant.								

SECTION III - PHYSICAL DATA

PHYSICAL STATE Liquid		ODOR AND APPEARANCE White or Black with slight ammonia odor		VOC (grams/liter) Less Water & Exempt Solvents < 122	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 1.10 - 1.20	COEFF. WATER/OIL DIST. Not available	SOLUBILITY IN WATER Soluble		VOLATILES BY WT. (%) 62.5+/- 2%

SECTION IV - FIRE AND EXPLOSION DATA

FLAMMABILITY NO <input checked="" type="checkbox"/> 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
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NFPA CODE (REPRESENTATIVE OF THE MOST VOLATILE COMPONENTS IN THE SYSTEM)
Health - 1 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
Wear a self-contained breathing apparatus with a full face piece (MSHA-NIOSH Approval) with a pressure demand or other positive pressure mode when fighting fires.

UNUSUAL FIRE AND EXPLOSION HAZARDS
None

SECTION V - REACTIVITY DATA						
CHEMICAL STABILITY	UNSTABLE		HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	STABLE	X		WILL NOT OCCUR	X	
INCOMPATIBILITY (Materials to avoid)					Avoid sanding, blasting, sawing, machining or other activity that may generate air borne particulates	
Oxidizing agents or materials that react with water						
HAZARDOUS DECOMPOSITION PRODUCTS Carbon Oxides, Nitrogen Oxides, Phosphorous Oxides, Aldehydes, Various other Hydrocarbons, Ammonia						

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)	
Impermeable Gloves	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 contaminated with product.			
STORAGE REQUIREMENTS			
Keep containers cool, dry, and away from heat. Store with adequate ventilation. Do not freeze. Do not pressurize, cut, grind, or weld			
SPECIAL SHIPPING INFORMATION			
Class 55, Item number 4620, Sub 5			

SECTION VIII - FIRST AID MEASURES	
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 313 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	< 0.6			
14808-60-7	Crystalline silica (impurity)*	< 1.1			

SECTION X - PREPARATION INFORMATION				
PREPARED BY (GROUP, DEPARTMENT, ETC.)	PHONE NUMBER	DATE	CHANGE NO.	SUPERSEDES ALL PREVIOUS PUBLICATIONS
Research and Development	(940) 328-9500	3/6/2012	6	