

# 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>GlassTack 45</b>					
PRODUCT USE <b>Duct Insulation Adhesive</b>				FORMULA <b>Proprietary</b>					
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	<5	50ppm	250 ppm	50ppm	Yes	145,000 ppm /Rats	15,840 ppm/kg Skin Rabbits	
Toluene	108-88-3	<2	100 ppm	150 ppm	N/A	N/A	N/A	N/A	
SECTION III - PHYSICAL DATA									
PHYSICAL STATE <b>Liquid</b>		ODOR AND APPEARANCE <b>White or black with slight ammonia odor</b>				VOC (grams/liter) Less Water & Exempt Solvents <b>&lt;40</b>		ODOR THRESHOLD (ppm) <b>N/A</b>	
VAPOR PRESSURE <b>Not established</b>	VAPOR DENSITY <b>Not established</b>		EVAPORATION RATE <b>Greater than 1</b>		BOILING POINT (°C) <b>N/E</b>		FREEZING POINT <b>0° C</b>		
PH <b>9.4 - 9.8</b>	SPECIFIC GRAVITY <b>1.18</b>		COEFF. WATER/OIL DIST. <b>Not available</b>		SOLUBILITY IN WATER <b>Soluble</b>		VOLATILES BY WT. (%) <b>&lt;15</b>		
SECTION IV - FIRE AND EXPLOSION DATA									
FLAMMABILITY NO <input type="checkbox"/> IF YES UNDER WHICH CONDITIONS? <input checked="" type="checkbox"/>									
FLASHPOINT (°C) AND METHOD <b>N/A</b>		AUTOIGNITION TEMPERATURE (°C) <b>N/A</b>			LOWER FLAMMABLE LIMIT (% BY VOLUME) <b>N/A</b>		UPPER FLAMMABLE LIMIT (%BY VOLUME) <b>N/A</b>		
HAZARDOUS COMBUSTION PRODUCTS <b>None</b>									
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>				
NFPA CODE (REPRESENTATIVE OF THE MOST VOLATILE COMPONENTS IN THESYSTEM) <b>Health - 0 Flammability -0 Reactivity - 0 Protection -1</b>									
EXTINGUISHING MEDIA <b>None needed in liquid state. In dry state use water, foam, carbon dioxide, or dry chemical</b>									
SPECIAL FIRE FIGHTING PROCEDURES <b>None, however firefighters should always use self contained breathing apparatus as nitrogen oxides and carbon monoxide may be involved.</b>									
UNUSUAL FIRE AND EXPLOSION HAZARDS <b>None</b>									

PRODUCT NAME: GlassTack 45

**SECTION V - REACTIVITY DATA**

CHEMICAL STABILITY	UNSTABLE	X	HAZARDOUS POLYMERIZATION	MAY OCCUR	X	CONDITIONS TO AVOID
	STABLE			WILL NOT OCCUR		
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  None Known						
EFFECTS OF CHRONIC EXPOSURE TO PRODUCT  None known						
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)
Use rubber or nitrile 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.		
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 MEASURES**

SPECIFIC MEASURES	
<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.

**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	<5			
108-88-3	Toluene	<2			

**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	3	