



Polymer Adhesives

Sealant Systems, Inc.

MATERIAL SAFETY DATA SHEET

SECTION I									
DISTRIBUTOR OR MANUFACTURER: Polymer Adhesives.						EMERGENCY TELEPHONE NO. CHEMTREC (800) 424-3900			
ADDRESS (Number, Street, City, State and ZIP Code) 1412 Greenwood Rd. Weatherford, TX 76088									
CHEMICAL FAMILY: SolventBased Adhesive / Sealant					PRODUCT NAME AND SYNONYMS Airseal #700				
PRODUCT USE Adhesive / Sealant					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)	
Hexane	110-54-3	<15	50 ppm	1000 ppm	N/A	N/A	9000 Lo (Rat)	N/A	
Toluene	108-88-3	<15	100 ppm	150 ppm	N/A	N/A	N/A	N/A	
SECTION III - PHYSICAL DATA									
PHYSICAL STATE Paste		ODOR AND APPEARANCE Gray brown or tan color with a slight solvent odor				VOC (grams/liter) 301		ODOR THRESHOLD (ppm) N/A	
VAPOR PRESSURE 140 mm/Hg (approx)		VAPOR DENSITY <0		EVAPORATION RATE 8.1 BuAc = 1		BOILING POINT (°C) 69 (156)°		FREEZING POINT <76 F	
pH N/A		SPECIFIC GRAVITY 1.34		COEFF. WATER/OIL DIST. N/A		SOLUBILITY IN WATER Negligible		VOLATILES BY WT. (%) 70	
SECTION IV - FIRE AND EXPLOSION DATA									
FLAMMABILITY X NO IF YES UNDER WHICH CONDITIONS? See LFL / UFL									
FLASHPOINT (°C) AND METHOD Not established		AUTOIGNITION TEMPERATURE (°C) 511 F		LOWER FLAMMABLE LIMIT (% BY VOLUME) 1.2			UPPER FLAMMABLE LIMIT (%BY VOLUME) 7.5		
HAZARDOUS COMBUSTION PRODUCTS Carbon monoxide, Carbon Dioxide									
EXPLOSION DATA Highly Volatile		SENSITIVITY TO IMPACT Not sensitive to impact				SENSITIVITY TO STATIC DISCHARGE Avoid static discharge, ground when using			
NFPA CODE (REPRESENTATIVE OF THE MOST VOLATILE COMPONENTS IN THE SYSTEM) Health - 2, Flammability - 3, Reactivity - 0, Protection - 2									
EXTINGUISHING MEDIA Regular foam, Carbon dioxide, dry chemical									
SPECIAL FIRE FIGHTING PROCEDURES Wear a self-contained breathing apparatus with a full face piece (MSHA-NIOSH Approval) in a pressure demand or other positive pressure mode when fighting fires.									
UNUSUAL FIRE AND EXPLOSION HAZARDS Material is highly volatile and readily gives off vapors that are lighter than air and may travel to a distant ignition source. Avoid open flames, pilot lights, sparks, cigarettes, static discharge, electric motors, or other ignition sources in the material handling area. Containers may explode if exposed to high temperatures. Store below 115° F.									

PRODUCT NAME: Airseal #700

SECTION V - REACTIVITY DATA					
CHEMICAL STABILITY	UNSTABLE		HAZARDOUS POLYMERIZATION	MAY OCCUR	CONDITIONS TO AVOID
	STABLE	X		WILL NOT OCCUR	X
INCOMPATIBILITY (Materials to avoid)				Hydrolysis producing small amounts of hydrochloric acid possible w/gross water contamination. Avoid open flames, welding arcs, or other high temperature sources which induce thermal decomposition.	
HAZARDOUS DECOMPOSITION PRODUCTS		Open flames and welding arcs can cause thermal degradation with the evolution of hydrocarbon chemicals.			
SECTION VI - TOXICOLOGICAL PROPERTIES					
ROUTE OF ENTRY: SKIN CONTACT [] SKIN ABSORPTION [] EYE CONTACT [] INHALATION [] INGESTION []					
EFFECTS OF ACUTE EXPOSURE TO PRODUCT					
Eye: May cause pain, moderate eye irritation and slight corneal injury. Vapors may irritate eye. Skin Absorption: A single prolonged exposure is not likely to result in the material being absorbed in harmful amounts. Prolonged exposure may cause a skin irritation, even a burn. Repeated contact may cause drying or flaking of the skin. May cause more serious response if confined. Extensive contact such as immersion may cause an intense burning sensation followed by a cold numb feeling. Ingestion: Single dose oral toxicity is low. The aspirated liquid may be rapidly absorbed through the lungs and result in injury to other bodily systems. If confined or in poorly ventilated areas, vapors can rapidly accumulate and can cause unconsciousness and death. Minimal anesthetic or narcotic effects may be seen in the range of 500-10,000 PPM can cause unconsciousness, death, irregular heartbeat, irritation to the upper respiratory tract, carbohypoglycemia, impairing the bloods ability to transport oxygen. Overexposure may cause irreversible damage to the peripheral nervous systems.					
EFFECTS OF CHRONIC EXPOSURE TO PRODUCT					
EXPOSURE LIMITS	IRRITANCY OF PRODUCT		SENSITIZATION TO PRODUCT		CARCINOGENICITY
See PEL	May cause temporary itching to skin				Believed to be no risk to man
TERATOGENICITY	REPRODUCTIVE TOXICITY		MUTAGENICITY		SYNERGISTIC PRODUCTS
No evidence	Unlikely		Negative		
SECTION VII - PREVENTATIVE MEASURES					
PERSONAL PROTECTIVE EQUIPMENT					
GLOVES (SPECIFY)		RESPIRATOR (SPECIFY)		EYE (SPECIFY)	
Nitrile		Atmospheric levels should be maintained below exposure guidelines. Use NIOSH approved respirators.		Wear safety glasses	
FOOTWEAR (SPECIFY)		CLOTHING (SPECIFY)		OTHER (SPECIFY)	
Appropriate chemical resistant footwear		Follow good industrial practice (clean clothing)		N/A	
ENGINEERING CONTROLS (SPECIFY, E.G., VENTILATION, ENCLOSED PROCESS)					
Controlling airborne concentrations below the ACGIH exposure guidelines is recommended. Use only with adequate ventilation.					
LEAK OR SPILL PROCEDURE					
SMALL SPILLS: Protection from ignition. Scope of material up immediately. Remove to out of doors. LARGE SPILLS: Evacuate area transfer to closed metal containers. Keep out of water supply.					
WASTE DISPOSAL					
When disposing of the unused contents, the preferred options are to send to licensed reclaimers or to permitted incinerators. Any disposal practice must be in compliance with Federal, State, and Local regulations. DO NOT DUMP: sewers, ground, any body of					
HANDLING PROCEDURES AND EQUIPMENT					
Open containers slowly to release any pressure in drum.					
STORAGE REQUIREMENTS					
Store below 115°F					
SPECIAL SHIPPING INFORMATION					
Class 3 UN1133					
SECTION VIII - FIRST AID MEASURES					
SPECIFIC MEASURES					
Eye Contact: Flush with large amounts of water or saline solution for 15 minutes, making sure to rinse under eyelids. Get prompt medical attention, especially if irritation persists or if there is evidence of burn or vision difficulty.					
Skin Contact: Remove contaminated clothing and wash thoroughly with a waterless hand cleaner and then soap and water. If irritation occurs, get medical attention. Launder contaminated clothing before reuse.					
Inhalation: Move affected person to fresh air. Administer oxygen if breathing is difficult or artificial respiration if breathing has stopped. Keep person warm and quiet and get immediate medical attention.					
Ingestion: Do not induce vomiting. Keep person warm and quiet. Get immediate medical attention. Aspiration in the lungs due to vomiting can cause chemical pneumonitis which can be harmful or fatal.					
SECTION IX - SARA Section 131 SUPPLIER NOTIFICATION					
CAS NUMBER	CHEMICAL NAME	PERCENT BY WEIGHT	CAS NUMBER	CHEMICAL NAME	PERCENT BY WEIGHT
110-54-3	Hexane	<15			
108-88-3	Toluene	<15			
SECTION X - PREPARATION INFORMATION					
PREPARED BY (GROUP, DEPARTMENT, ETC.)	PHONE NUMBER	DATE	CHANGE NO.	SUPERSEDES ALL PREVIOUS PUBLICATIONS	
Research and Development	(817) 596-8995	02/15/02	3		