



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: Solvent Based Adhesive	PRODUCT NAME AND SYNONYMS AEROTACK 20	
PRODUCT USE Aerosol 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			
Hexane	110-54-3	<28	50 ppm	1000 ppm	N/A	9000 Lo (Rat)	N/A
Acetone	67-64-1	<21	750 ppm	1000 ppm	N/A	N/a	N/A
Hydrocarbon Propellant	684-86-8	<30	1000 ppm	1000 ppm	N/A	N/A	N/A

SECTION III - PHYSICAL DATA

PHYSICAL STATE Liquid under pressure	ODOR AND APPEARANCE Clear colorless	VOC (grams/liter) Less Water & Exempt Solvents 578	ODOR THRESHOLD (ppm) N/A
VAPOR PRESSURE N/E	VAPOR DENSITY N/E	EVAPORATION RATE N/E	BOILING POINT (°C) N/A
PH N/E	SPECIFIC GRAVITY 0.8	COEFF. WATER/OIL DIST. N/E	SOLUBILITY IN WATER Negligible
			FREEZING POINT N/A
			VOLATILES BY WT. (%) <70

SECTION IV - FIRE AND EXPLOSION DATA

FLAMMABILITY X	IF YES UNDER WHICH CONDITIONS? Open Flames, Sparks, Excessive Heat
FLASHPOINT (°C) AND METHOD >18 C/TCC	AUTOIGNITION TEMPERATURE (°C) N/E
	LOWER FLAMMABLE LIMIT (% BY VOLUME) N/E
	UPPER FLAMMABLE LIMIT (%BY VOLUME) N/E

HAZARDOUS COMBUSTION PRODUCTS
Carbon Monoxide and Carbon Dioxide

EXPLOSION DATA Volatile	SENSITIVITY TO IMPACT Not sensitive to impact	SENSITIVITY TO STATIC DISCHARGE Avoid static discharge, ground when using
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NFPA CODE (REPRESENTATIVE OF THE MOST VOLATILE COMPONENTS IN THE SYSTEM)
Health - 2, Flammability - 4, Reactivity - 0, Protection - 1

EXTINGUISHING MEDIA
Dry Chemical, CO₂, Water Mist.

SPECIAL FIRE FIGHTING PROCEDURES
Keep containers cool. Use Self-Contained Breathing Apparatus or shielding as required to protect against decomposition products and projectile bursting of containers.

UNUSUAL FIRE AND EXPLOSION HAZARDS
Containers are pressurized with flammable liquified gas. At elevated temperatures (over 120°F)

SECTION V - REACTIVITY DATA

CHEMICAL STABILITY	UNSTABLE		HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	STABLE	X		WILL NOT OCCUR	X	
INCOMPATIBILITY (Materials to avoid)					Extreme Temperatures	
Avoid contact with alkali metals, pure oxygen, open flames and welding arcs.						
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						
Toxicity depends upon duration of exposure. Symptoms of overexposure include dizziness, nausea, headache, and even loss of consciousness, aspiration may be a hazard.						
EFFECTS OF CHRONIC EXPOSURE TO PRODUCT						
N/E						
EXPOSURE LIMITS	IRRITANCY OF PRODUCT		SENSITIZATION TO PRODUCT		CARCINOGENICITY	
See PEL	Can cause mild irritation to eye and skin		None		None	
TERATOGENICITY	REPRODUCTIVE TOXICITY		MUTAGENICITY		SYNERGISTIC PRODUCTS	
No evidence	No evidence		No evidence		N/A	

SECTION VII - PREVENTATIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT		
GLOVES (SPECIFY)	RESPIRATOR (SPECIFY)	EYE (SPECIFY)
Rubber	In areas of inadequate ventilation a NIOSH approved respirator should be used	Safety Goggles
FOOTWEAR (SPECIFY)	CLOTHING (SPECIFY)	OTHER (SPECIFY)
Follow good industrial practices.	Clean Non-contaminated Clothing	
ENGINEERING CONTROLS (SPECIFY, E.G., VENTILATION, ENCLOSED PROCESS)		
Ventilation equivalent to outdoors.		
LEAK OR SPILL PROCEDURE		
Ventilate area & avoid breathing vapors. Dike & contain spill w/ inert absorbent material & place in sealed container for disposal.		
WASTE DISPOSAL		
Replace cap and dispose container in accordance with local and federal laws.		
HANDLING PROCEDURES AND EQUIPMENT		
Mop up residue & keep run-offs out of sewer.		
STORAGE REQUIREMENTS		
Store in a cool dry area. Do not store above 120°F. Avoid inhalation of vapors. Keep away from children.		
SPECIAL SHIPPING INFORMATION		

SECTION VIII - FIRST AID MEAS

SPECIFIC MEASURES	
Eye Contact:	Flush eyes immediately with water for at least 15 minutes. Get medical attention immediately.
Skin Contact:	Remove clothing and wash before reuse. Wash affected area with soap and water. If irritation persists, seek medical attention.
Inhalation:	Remove to fresh air. If breathing is difficult administer artificial respiration, give oxygen.
Ingestion:	Do not induce vomiting. Keep person warm and quiet and get medical attention. Aspiration of material in the lungs due to vomiting can cause chemical pneumonitis which can be 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	<28			
67-64-1	Acetone	<21			
684-86-8	Hydrocarbon Propellant	<30			

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	