

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 Air Lag					
PRODUCT USE Lagging Adhesive and Exterior Coating				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	15,840 ppm/kg Skin Rabbits	
Ammonium Hydroxide	1336-21-6	<0.4	25ppm	50ppm	N/A	NO	Oral rat -350 mg/kg	Inhalation Rat 2,000ppm/4hr	
SECTION III - PHYSICAL DATA									
PHYSICAL STATE Viscous Liquid		ODOR AND APPEARANCE White or black with slight ammonia odor				VOC (grams/liter) Less Water & Exempt Solvents 35		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 1.25 -1.35		COEFF. WATER/OIL DIST. Not available		SOLUBILITY IN WATER Soluble		VOLATILES BY WT. (%) <3		
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				
NFPA CODE (REPRESENTATIVE OF THE MOST VOLATILE COMPONENTS IN THESYSTEM) 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: Air Lag

SECTION V - REACTIVITY DATA

CHEMICAL STABILITY	UNSTABLE		HAZARDOUS POLYMERIZATION	MAY OCCUR	WILL NOT OCCUR	CONDITIONS TO AVOID
	STABLE	X			X	N/A
<small>INCOMPATIBILITY (Materials to avoid)</small> Materials that react with water						
<small>HAZARDOUS DECOMPOSITION PRODUCTS</small> Carbon monoxide, carbon dioxide, ammonia, nitrogen oxides						

SECTION VI - TOXICOLOGICAL PROPERTIES

<small>ROUTE OF ENTRY: SKIN CONTACT [] SKIN ABSORPTION [] EYE CONTACT [] INHALATION [] INGESTION []</small>						
<small>EFFECTS OF ACUTE EXPOSURE TO PRODUCT</small> No evidence						
<small>EFFECTS OF CHRONIC EXPOSURE TO PRODUCT</small> No evidence						
<small>EXPOSURE LIMITS</small>	<small>IRRITANCY OF PRODUCT</small>	<small>SENSITIZATION TO PRODUCT</small>	<small>CARCINOGENICITY</small>			
See PEL	No evidence	None known	No evidence			
<small>TERATOGENICITY</small>	<small>REPRODUCTIVE TOXICITY</small>	<small>MUTAGENICITY</small>	<small>SYNERGISTIC PRODUCTS</small>			
No evidence	No evidence	No evidence	None known			

SECTION VII - PREVENTATIVE MEASURES

<small>PERSONAL PROTECTIVE EQUIPMENT</small>		
<small>GLOVES (SPECIFY)</small>	<small>RESPIRATOR (SPECIFY)</small>	<small>EYE (SPECIFY)</small>
No significant concern	None required in ventilated area	Follow good industrial practices by wearing safety glasses.
<small>FOOTWEAR (SPECIFY)</small>	<small>CLOTHING (SPECIFY)</small>	<small>OTHER (SPECIFY)</small>
Follow good industrial practices.	Follow good industrial practices.	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 MEASURES

<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 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	<0.4			

SECTION X - PREPARATION INFORMATION

<small>PREPARED BY (GROUP, DEPARTMENT, ETC.)</small>	<small>PHONE NUMBER</small>	<small>DATE</small>	<small>CHANGE NO.</small>	<small>SUPERSEDES ALL PREVIOUS PUBLICATIONS</small>
Research and Development	(940) 328-9500	2/8/2011	4	