Polymer Adhesives

Sealant Systems, Inc.

MATERIAL SAFETY DATA SHEET

SECTION I

DISTRIBUTOR OR MANUFACTURER:	EMERGENCY TELEPHONE NO.
Polymer Adhesives Sealant Systems, Inc.	CHEMTREC (800) 424-9300
ADDRESS (Number, Street, City, State and ZIP Code)	
501 Garrett Morris Parkway Mineral Wells, TX 76067	

CHEMICAL FAMILY:	PRODUCT NAME AND SYNONYMS
PolySil 100	PolySil
PRODUCT USE	**FORMULA**
RTV Silicone Sealant	Proprietary Mixture

SECTION II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	CAS NUMBER	%	PEL (ppm) TWA	PEL (ppm) STEL	PEL (ppm) CEILING	SKIN DESIGNATION	LD50 OF INGREDIENT (SPECIFY SPECIES AND ROUTE)	LD50 OF INGREDIENT (SPECIFY SPECIES)
Methyltriacetoxysilane	4253-34-3	1.0 - 5.0	10 ppm	15 ppm	N/A	N/A	Not Available	Not Avail
Ethyltriacetoxysilane	17689-77-9	1.0 - 5.0	10 ppm	15 ppm	N/A	N/A	Not Available	Not Available

SECTION III - PHYSICAL DATA

PHYSICAL STATE	ODOR AND APPEARANCE	VOC (grams/liter) Less Water & Exempt Solvents	ODOR THRESHOLD (ppm)
Paste	Clear-Black-White-Gray & Aluminum, acetic odor	35	N/A

VAPOR PRESSURE	VAPOR DENSITY	EVAPORATION RATE	BOILING POINT (°C)	FREEZING POINT
N/A	N/A	N/A	N/A	N/A

pH	SPECIFIC GRAVITY	COEFF. WATER/OIL DIST.	SOLUBILITY IN WATER	VOLATILES BY WT. (%)
N/A	1.03 @ 77° F	N/A	Less than 0.1%	<10

SECTION IV - FIRE AND EXPLOSION DATA

FLAMMABILITY: X NO — IF YES UNDER WHICH CONDITIONS?

FLASHPOINT (°C) AND METHOD	AUTOIGNITION TEMPERATURE (°C)	LOWER FLAMMABLE LIMIT (% BY VOLUME)	UPPER FLAMMABLE LIMIT (%BY VOLUME)
N/A	Not determined	Not applicable	Not applicable

HAZARDOUS COMBUSTION PRODUCTS

At very high termperatore decompose producing carbon oxides, formaldehyde and silicon dioxide

EXPLOSION DATA	SENSITIVITY TO IMPACT	SENSITIVITY TO STATIC DISCHARGE
N/A	Not sensitive to impact	Not sensitive to static discharge

NFPA CODE (REPRESENTATIVE OF THE MOST VOLATILE COMPONENTS IN THESYSTEM)

Health - 1 Flammability - 1 Reactivity - 0, Protection 1

EXTINGUISHING MEDIA

Water fog, Carbon Dioxide, Dry Chemical, Foam

SPECIAL FIRE FIGHTING PROCEDURES

Self contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals.

UNUSUAL FIRE AND EXPLOSION HAZARDS

None known

PRODUCT NAME: PolySil

SECTION V - REACTIVITY DATA

CHEMICAL STABILITY			HAZARDOUS POLYMERIZATION			CONDITIONS TO AVOID
	UNSTABLE			MAY OCCUR		Exposure to air or moisture until ready to use.
	STABLE	X		WILL NOT OCCUR	X	

INCOMPATIBILITY (Materials to avoid)

Oxidizing material can cause a reaction, air or moisture causes curing and the liberation of acetic acid vapors.

HAZARDOUS DECOMPOSITION PRODUCTS

Silicon Dioxide, carbon dioxide and traces of incompletely burned carbon products.

SECTION VI - TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY: SKIN CONTACT [ ] SKIN ABSORPTION [ ] EYE CONTACT [ ] INHALATION [ ] INGESTION [ ]

EFFECTS OF ACUTE EXPOSURE TO PRODUCT

EYE: Direct contact irritates slightly to moderately with redness and swelling. SKIN: A single short exposure(less than 24 hours) may irritate. Repeated prolonged contact(24 to 48 hours) may irritate moderately. INHALATION: Vapor overexposure may irritate eyes, nose and throat. ORAL: Small amounts transferred to the mouth by fingers during use, etc., should not injure. Swallowing large amounts may cause digestive discomfort. COMMENTS: No injury from silica dust should occur during reasonable use. If use creates respirable particles, some respiratory system injury may occur. Cured sealant is nonhazardous. The above listed potential effects of overexposure are based on actual data, results of studies performed on similar compositions, component data and/or expert review of the product. Overexposure to any chemical may result in enhancement of pre-existing adverse medical conditions and allergic reactions.

EFFECTS OF CHRONIC EXPOSURE TO PRODUCT

See above

EXPOSURE LIMITS	IRRITANCY OF PRODUCT	SENSITIZATION TO PRODUCT	CARCINOGENICITY
None established	Eye, nose, throat irritation a possibility	None known	Traces of formaldehyde may form if heated in air above 300F.
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)
Rubber or Plastic gloves are recommended.	Organic Vapor Type	Follow good industrial practices by wearing safety glasses.
FOOTWEAR (SPECIFY)	**CLOTHING (SPECIFY)**	**OTHER (SPECIFY)**
Follow good industrial practices.	Follow good industrial practices.	Good ventilation

ENGINEERING CONTROLS (SPECIFY, E.G.., VENTILATION, ENCLOSED PROCESS)

Local exhaust must be sufficient to control the vapor concentrations in enclosed areas. Ventilation must be capable of maintaining emissions at the point of use below the PEL and TLV guidelines.

LEAK OR SPILL PROCEDURE

All local, state and federal regulations concerning health and pollution should be reviewed to determine approved disposal procedures. Follow Preventative Measures for protective equipment. COMMENTS: Product contains no ingredient subject to D.O.T. o E.P.A CERCLA/SARA environmental release reporting regulations.

WASTE DISPOSAL

In accordance with Federal, State, and local regulations.

HANDLING PROCEDURES AND EQUIPMENT

Washing at mealtimes and end of shift is adequate. Remove clothing and shoes as soon as practical and clean thoroughly before

STORAGE REQUIREMENTS

Store in cool, dry place. Use reasonable care and caution. Keep container closed when not in use.

SPECIAL SHIPPING INFORMATION

Not subject to DOT regulations

ION VIII - FIRST AID MEAS \

SPECIFIC MEASURES

Eye Contact: Flush with water for 15 minutes. Get medical attention.

Skin Contact: Wipe off and flush with water. Get medical attention if irritation develops.

Inhalation: Remove to fresh air, get medical attention if ill effects persist.

Ingestion: No first aid should be needed.

SECTION IX - SARA Section 131 SUPPLIER NOTIFICATION

CAS NUMBER	CHEMICAL NAME	PERCENT BY WEIGHT	CAS NUMBER	CHEMICAL NAME	PERCENT BY WEIGHT
4253-34-3	Methyltriacetoxysilane	1.0 - 5.0			
17689-77-9	Ethyltriacetoxysilane	1.0 - 5.0			

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	2	