



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) 501 Garrett Morris Parkway Mineral Wells, TX 76067		
CHEMICAL FAMILY: Acrylic Latex	PRODUCT NAME AND SYNONYMS FIRESEAL 814 Caulk	
PRODUCT USE Intumescent Caulk	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			
No OSHA PEL or NIOSH REL								

SECTION III - PHYSICAL DATA

PHYSICAL STATE Paste	ODOR AND APPEARANCE Paint odor Red	VOC (grams/liter) Less Water & Exempt Solvents N/A	ODOR THRESHOLD (ppm) N/A
VAPOR PRESSURE N/A	VAPOR DENSITY N/A	EVAPORATION RATE N/A	BOILING POINT (°C) N/A
PH N/A	SPECIFIC GRAVITY 1.62 - 1.66	COEFF. WATER/OIL DIST. N/A	SOLUBILITY IN WATER Miscible when wet
			FREEZING POINT N/A
			VOLATILES BY WT. (%) N/A

SECTION IV - FIRE AND EXPLOSION DATA

FLAMMABILITY NO <input checked="" type="checkbox"/> IF YES UNDER WHICH CONDITIONS?	AUTOIGNITION TEMPERATURE (°C)	LOWER FLAMMABLE LIMIT (% BY VOLUME)	UPPER FLAMMABLE LIMIT (% BY VOLUME)
		N/A	N/A
HAZARDOUS COMBUSTION PRODUCTS Dense black smoke containing hazardous products of combustion			
EXPLOSION DATA	SENSITIVITY TO IMPACT Not Sensitive	SENSITIVITY TO STATIC DISCHARGE Not Sensitive	

NFPA CODE (REPRESENTATIVE OF THE MOST VOLATILE COMPONENTS IN THE SYSTEM)
Health - 1, Flammable - 0, Reactivity - 0, Protection - 1

EXTINGUISHING MEDIA
Alcohol resistant foam, carbon dioxide powder, or water spray or mist

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 not easily flammable, Cool containers if exposed to high temperatures. Spray containers with cool water to reduce pressure build up. Store below 120° F.

PRODUCT NAME: FIRESEAL 814 Caulk

SECTION V - REACTIVITY DATA

CHEMICAL STABILITY	UNSTABLE	X	HAZARDOUS POLYMERIZATION	MAY OCCUR	X	CONDITIONS TO AVOID Keep away from oxidizing agents and strongly alkaline and strong acidic materials to prevent possible exothermic reaction
	STABLE			WILL NOT OCCUR		

HAZARDOUS DECOMPOSITION PRODUCTS
Carbon dioxide and oxides of nitrogen

SECTION VI - TOXICOLOGICAL PROPERTIES

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

EFFECTS OF ACUTE EXPOSURE TO PRODUCT

Eyes: Avoid contact may cause pain and irritation wear eye protection Ventilation: Use in well ventilated areas Skin: Avoid contact with skin may cause irritation wash hands Respiratory: Use in ventilation area no protection required

EFFECTS OF CHRONIC EXPOSURE TO PRODUCT
Minor irritation of eyes

EXPOSURE LIMITS None established	IRRITANCY OF PRODUCT N/A	SENSITIZATION TO PRODUCT N/A	CARCINOGENICITY None
TERATOGENICITY N/A	REPRODUCTIVE TOXICITY N/A	MUTAGENICITY N/A	SYNERGISTIC PRODUCTS N/A

SECTION VII - PREVENTATIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT

GLOVES (SPECIFY) Wear gloves	RESPIRATOR (SPECIFY) Generally none required	EYE (SPECIFY) Wear eye protection
FOOTWEAR (SPECIFY) None required	CLOTHING (SPECIFY) Wash when contaminated	OTHER (SPECIFY) None

ENGINEERING CONTROLS (SPECIFY, E.G., VENTILATION, ENCLOSED PROCESS)
Use in ventilated area

LEAK OR SPILL PROCEDURE
Clean area and dispose of the material in accordance with local regulations

WASTE DISPOSAL
Product is considered to be an "article" as defined in the federal OSHA Hazard Communication Standard

HANDLING PROCEDURES AND EQUIPMENT
Avoid contact with strong acids or alkaline materials

STORAGE REQUIREMENTS
Store between 5 C and 25 C in a dry ventilated area away from heat sources. Protect from Frost. Store separately from oxidizing and

SPECIAL SHIPPING INFORMATION
Not regulated by DOT, IATA or IMDG [air or shipping] regulations

SECTION VIII - FIRST AID MEAS

SPECIFIC MEASURES
Eye Contact: Wear eye protection if material gets in eyes rinse with saline solution for 15 minutes seek medical help if required.
Skin Contact: Wear gloves if skin becomes contaminated washing with soap and water
Inhalation: Use material in ventilated area, generally no respiratory protection is required
Ingestion: If accidentally swallowed wash mouth with water and give water to drink. Do not induce vomiting.

SECTION IX - SARA Section 131 SUPPLIER NOTIFICATION

CAS NUMBER	CHEMICAL NAME	PERCENT BY WEIGHT	CAS NUMBER	CHEMICAL NAME	PERCENT BY WEIGHT
	No OSHA PEL or NIOSH REL				

SECTION X - PREPARATION INFORMATION

PREPARED BY (GROUP, DEPARTMENT, ETC.) Research and Development	PHONE NUMBER (940) 328-9500	DATE 9/2/2005	CHANGE NO. 1	SUPERSEDES ALL PREVIOUS PUBLICATIONS
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