

# MSDS

Material Safety Data Sheet

May 18, 2000

Revised: March 18, 2002

**PRODUCT NAME: ELASTO-THANE™ 227 Pourable (A-COMPONENT)**

**ITEM NUMBER: ET227P-A**

**DESCRIPTION: Two component 100% solid Polyurethane Joint Sealant**

HMIS CODES:	H:*	2	F:	1	R:	0	P:	G
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## SECTION I - IDENTIFICATION

MANUFACTURER'S NAME: Pacific Polymers International, Inc.

12271 Monarch Street, Garden Grove, CA 92841

Telephone: 714-898-0025

EMERGENCY PHONE NO: 800-424-9300 (CHEMTREC)

## SECTION II-HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENTS / CAS #	OSHA PEL	ACGIH TLV	OSHA STEL	LD50/LC50	WT %

\*\*All Chemicals comprising this product are listed on the Toxic Substance Control Act (TSCA) inventory.\*\*

## SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point	No data
Vapor Density	No data
Specific Gravity (H2O=1)	1.25 – 1.28
Evaporation Rate	N/A (butyl Acetate = 1.0)
Solubility in water	slight
Appearance and odor	Pigmented, self-leveling and non-sag consistency, 100% solid solvent free

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point	> 200°F
Flammable limits in air by volume	LEL: N/A : UEL: N/A
Extinguishing media	In case of fire, use foam, dry chemical, carbon dioxide, or extinguishers. Water spray may be ineffective on the fire but may be used to control fire and closed containers for cooling.
Special Firefighting Procedures	Wear self-contained breathing apparatus with full facepiece and protective clothing. Avoid inhalation of vapor during a fire.
Unusual Fire and Explosion Hazards	None known

## SECTION V - REACTIVITY DATA

Stability	Stable
Conditions to avoid	Avoid water contamination.
Incompatibility (Materials to avoid)	None known.
Hazardous Decomposition or Byproducts	Combustion products: Oxides of carbon, nitrogen and sulfur on burning.
Hazardous Polymerization	Will not polymerize.

## SECTION VI - HEALTH HAZARD DATA

Health risks and symptoms of exposure

Inhalation	May cause mild respiratory irritation if exposed to high temperatures.
Skin Contact	May cause mild irritation causing redness, itching of skin.
Eye Contact	May cause tearing, burning of eyes.
Skin Absorption	No data
Ingestion	May cause irritation to mouth and stomach.

**Health hazards (acute & chronic):**

CARCINOGENICITY: NTP? NO ; IARC MONOGRAPHS: NO ; OSHA REGULATED: NO

**Medical conditions generally aggravated by exposure:** None known

**Emergency & First Aid Procedures**

Eyes	Immediately flush with plenty of water for at least 15 minutes. Keep eyelids open. Consult a physician immediately.
Skin	Wash material off with plenty of soap and water. If redness, itching or burning develops, consult a physician.
Inhalation	Under normal use, there should not be any problem. However if inhaled, remove person to fresh air. Aid in breathing, if necessary. Get medical help.
Ingestion	If swallowed dilute with water and immediately induce vomiting. (Do not give anything by mouth or induce vomiting to an unconscious person). Get medical attention promptly.

**SECTION VII - SAFE HANDLING & USE INFORMATION**

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Collect the product and place in a suitable waste container. Clean the area of spill with soap and water. Do not let the waste into the drainage system. The waste can be solidified with the B-component and then disposed as solid waste.

**WASTE DISPOSAL METHOD.** Dispose the waste in accordance to federal, local, and state regulations.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:** Prevent skin and eye contact. Do not store at high temperature and humidity conditions.

**OTHER PRECAUTIONS:** Individuals with existing respiratory disease such as chronic bronchitis, emphysema or asthma like conditions should not be exposed to the product (during application). Do not drink, eat, or smoke while working with the product. Wash before such an activity. KEEP AWAY FROM CHILDREN.

**SECTION VIII - CONTROL MEASURES/PROTECTION INFORMATION**

**RESPIRATORY PROTECTION:** Not required under normal conditions. However if required, wear MSHA/NIOSH approved organic vapor or charcoal filtered cartridge respirator.

**VENTILATION:** local and or mechanical exhaust.

**PROTECTIVE GLOVES:** Nitrile, neoprene, and butyl rubber gloves.

**EYE PROTECTION:** Chemical tight goggles, full faceshield in addition if splashing is possible.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT: WORK/HYGIENIC PRACTICES:** Tyvek, neoprene, butyl, nitrile rubber based clothing. Eyewash station and safety showers in the work area. Emergency safety plans if regulations require. Proper training of the usage and application of the products.

**SECTION IX – REGULATORY INFORMATION**

**Transportation:** DOT: Non-Regulated

**Sara Title III (Section 313 Toxic Chemical Information):**

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Concentration</u>
None known		

**California Proposition 65:**

As per requirements of the Safe Drinking Water & Toxic Enforcement Act of California, USA (1986), the public is warned that materials used in this product may create an exposure to chemicals known to the State of California to cause cancer, birth defects, or reproductive harm. This warning is required by Section 25249.6 of the California Health and Safety Code.

{The following detectable components of this product are substances, or belong to classes of substances, known to the state of California to cause cancer and /or reproductive toxicity.}

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Concentration</u>
None known		

**HMIS Ratings:** Health: 2  
 Flammability: 1  
 Reactivity: 0  
 Protection: G (gloves, goggles, coverall/apron, respirator)

**Disclaimer:** The data set forth in this MSDS are based on information provided by the suppliers of the raw materials and chemicals used in the manufacture of the aforementioned product. Pacific Polymers International, Inc. makes no warranty with respect to the accuracy of the information provided by their suppliers, and disclaims all liability of reliance thereof.