

# MSDS

Material Safety Data Sheet

Revised: May 18, 2000

**PRODUCT NAME: ELASTO-THANE™ 200 (HAND-MIX) (A-COMPONENT)**

**ITEM NUMBER: ET200HMA**

**DESCRIPTION: Bitumen Modified 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 %
Petroleum Hydrocarbon Oil #64742-03-6	5 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>		No data	15 – 30 %
Carbon Black #1333-86-4	No data	No data	No data		1 – 5 %
Organo Mercury Compound catalyst # mixture					0.1 – 0.4 %

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

## SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point	300 <sup>o</sup> F – 500 <sup>o</sup> F
Vapor Density	Greater than air
Specific Gravity (H <sub>2</sub> O=1)	1.16 (wt. Per gallon ◊ 9.70)
Evaporation Rate	N/A (butyl Acetate = 1.0)
Solubility in water	Slight
Appearance and odor	Black color liquid mixture. Aromatic odor, VOC Free joint sealant.

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point	> 200 <sup>o</sup> 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, fir 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.
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## **SECTION VI - HEALTH HAZARD DATA**

### **Health risks and symptoms of exposure**

Inhalation	Coughing, tightness in chest with difficulty in breathing, irritation to respiratory tract.
Skin Contact	Skin irritation causing redness itching, rash.
Eye Contact	Irritation to eyes causing reddening and itching.
Skin Absorption	No data available
Ingestion	May cause irritation of the mouth, pharynx, esophagus and stomach.

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

CARCINOGENICITY: NO; NTP? NO ; IARC MONOGRAPHS: Yes\* ; OSHA REGULATED: NO

\*\* This product contains petroleum Hydrocarbon oil similar to ones categorized by international agency for research on cancer (IARC) as causing skin cancer in MICE after prolonged and repeated contact. Any potential hazard can be minimized by recommended protective equipment to avoid skin contact and by washing thoroughly after handling

**Medical conditions generally aggravated by exposure:** Prolonged or repeated exposure may cause allergic skin reactions and sensitization.

### **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	Remove person to fresh air. If not breathing, give artificial respiration. If breathing is labored, give oxygen. Get medical help immediately. Do not give any food or liquids to an unconscious person.
Ingestion	Get medical attention immediately. Do not induce vomiting. (Do not give anything by mouth to an unconscious person).

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

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Absorb 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.

**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. When reacted with the catalyst, moisture contamination and high temperature can ruin the product properties.

**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. Keep away from ignition sources such as fire, flame, sparks etc.

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

**RESPIRATORY PROTECTION:** Wear MSHA/NIOSH approved organic vapor or charcoal filtered cartridge respirator or positive pressure supplied air respirator with full facepiece or an air-supplied hood.

**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):**

<b><u>Chemical Name</u></b>	<b><u>CAS Number</u></b>	<b><u>Concentration</u></b>
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.}

**Chemical Name**                      **CAS Number**    **Concentration**

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.