

# MSDS

Material Safety Data Sheet

May 20, 2001

Revised: September 18, 2002

**PRODUCT NAME: ELASTO-DECK™ 6500 PT [B-COMPONENT]**

**ITEM NUMBER: ED6500PTB**

**DESCRIPTION: ALIPHATIC POLYURETHANE TOPCOAT [B-COMPONENT]**

HMIS CODES:	H:*	3	F:	1	R:	1	P:	G
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## SECTION I - IDENTIFICATION

MANUFACTURER'S NAME: **Pacific Polymers International, Inc.**

12271 Monarch Street, Garden Grove, California 92808

EMERGENCY PHONE NO: CHEMTREC 800-424-9300

## SECTION II-HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENTS / CAS #	OSHA PEL	ACGIH TLV	OSHA STEL	LD50/LC50	WT %
Polyamine CAS# Proprietary	Non established			LD 50 → 4150 mg/kg (Oral, Rat) LD 50 → > 5000 mg/kg (Dermal, Rat)	20 - 40%
Aromatic Polyamine #68479-98-1	No data	No data	No data	No data	60 - 80 %
					1

\*Indicates toxic chemical(s) subject to the reporting requirements of section 313 of titleIII and of 40 CFR 372.

## SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point	390°F – 400°F
Vapor Density	Greater than air
Specific Gravity (H2O=1)	0.96 – 0.98 @ 77°F
Evaporation Rate	Less than 1.0 (butyl Acetate = 1.0)
Solubility in water	Reacts slowly with water.
Appearance and odor	Amber Clear to yellowish liquid, amine odor.

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point	> 160°F (DIN 51758)
Flammable limits in air by volume	Not available
Extinguishing media	Use chemical foam, carbon dioxide or dry chemicals. Spray water on the containers to cool them down.
Special Fire-Fighting Procedures	Wear self-contained breathing apparatus with full facepiece and protective clothing. Burning will produce toxic fumes.
Unusual Fire and Explosion Hazards	Exposure to heat and moisture builds up pressure in closed containers. Cool with water spray.

## SECTION V - REACTIVITY DATA

Stability	Stable under normal conditions.
Conditions to avoid	N/A
Incompatibility (Materials to avoid)	Strong oxidants, strong acids
Hazardous Decomposition or Byproducts	Combustion products: carbon dioxide, carbon monoxide, and nitrogen oxides.
Hazardous Polymerization	Will not occur. ((Auto-ignition may occur in finely divided form.))

## **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. Will burn the skin.
Eye Contact	Irritation to eyes causing reddening and itching and burn.
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: NO ; OSHA REGULATED: NO

**Medical conditions generally aggravated by exposure:** Prolonged and repeated exposure may result to respiratory sensitization, asthma like conditions, central nervous depression, skin sensitization and allergic skin reactions (rashes, hive-like, acme's, itching, etc.)

### **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	Do not induce vomiting. Call a physician immediately.

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

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

Wear protective equipment and clothing during cleanup. Soak up material with absorbent and shovel into a chemical waste container. Cover the container but do not seal, and remove from work area. Wash the area of spill using soap and water. Do not allow dirty cleaning water in sewer drain. Collect in a waste container and dispose in accordance to governmental regulations.

**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. Avoid breathing vapors and mist. A sensitized person should not be allowed to exposed to the product. Store in tightly sealed containers to protect from atmospheric moisture. Store in dry area.

**HMIS Ratings: Health – 3, Flammability – 2, Reactivity – 1, Protection – G.**

**DOT Info: Amines, Liquid, Corrosive, N.O.S. (Blocked Diamine), Class 8, UN2735, PGIII, ERG 60, Label: Corrosive.**

**OTHER PRECAUTIONS:** Individuals with existing respiratory disease such as chronic bronchitis, emphysema or asthma like conditions should not be exposed to the product. 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. Danger – Do not get in eyes, on skin or clothing. Use adequate ventilation. Combustible Liquid. Keep Containers tightly closed. Do not breathe vapors. Protect from moisture.

## **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 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 have excellent resistance to aromatic solvents. 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: Amines, Liquid, Corrosive, N.O.S. (Blocked Diamine), Class 8, UN2735, PGIII, ERG 60, Label: Corrosive.**

### **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.}

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

**HMIS Ratings:** Health: 3  
Flammability: 1  
Reactivity: 1  
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.