

# SAFETY DATA SHEET

**Date Prepared :** 09/06/2017  
**MSDS No :** PP ED6500 B  
**Date Revised :** 09/06/2017  
**Revision No :** 3

## PACIFIC POLYMERS Elasto-Deck 6500 Component B

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** PACIFIC POLYMERS Elasto-Deck 6500 Component B

#### MANUFACTURER

ITW Polymers Sealants North America  
 12271 Monarch St.  
 Garden Grove, CA 92841

**Product Stewardship:** (714) 898-0025

#### 24 HR. EMERGENCY TELEPHONE NUMBERS

CHEMTREC (US Transportation): (800) 424-9300

**COMMENTS:** PACIFIC POLYMERS and Elasto-Deck are a registered trademarks of Illinois Tool Works, Inc.

### 2. HAZARDS IDENTIFICATION

#### GHS CLASSIFICATIONS

##### Health:

Acute Toxicity (Inhalation), Category 2  
 Skin Irritation, Category 2  
 Eye Irritation, Category 2A  
 Respiratory Sensitization, Category 1  
 Target Organ Toxicity (Single exposure), Category 3  
 Reproductive Toxicity, Category 1B

##### Environmental:

Acute Hazards to the Aquatic Environment, Category 1  
 Chronic Hazards to the Aquatic Environment, Category 1

#### GHS LABEL



Environment



Exclamation  
mark



Health  
hazard

**SIGNAL WORD:** DANGER

#### HAZARD STATEMENTS

H315: Causes skin irritation.  
 H319: Causes serious eye irritation.  
 H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
 H335: May cause respiratory irritation.  
 H361: Suspected of damaging fertility or the unborn child.  
 H330: Fatal if inhaled.  
 H410: Very toxic to aquatic life with long lasting effects.

#### PRECAUTIONARY STATEMENT(S)

##### Prevention:

[201]: Obtain special instructions before use.  
 P202: Do not handle until all safety precautions have been read and understood.  
 P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

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P233: Keep container tightly closed.  
 P260: Do not breathe dust/fume/gas/mist/vapours/spray.  
 P280: Wear protective gloves/protective clothing/eye protection/face protection.  
 P264: Wash thoroughly after handling.  
 P272: Contaminated work clothing should not be allowed out of the workplace.  
 P273: Avoid release to the environment.  
 P285: In case of inadequate ventilation wear respiratory protection.

### Response:

P301+P310: IF SWALLOWED: Immediately call a POISON CENTER/doctor.  
 P302+P352: IF ON SKIN: Wash with plenty of water.  
 P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].  
 P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
 P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P308+P313: IF exposed or concerned: Get medical advice/ attention.  
 P312: Call a POISON CENTER/doctor if you feel unwell.  
 P314: Get medical advice/attention if you feel unwell.  
 P331: Do NOT induce vomiting.  
 P333+P313: If skin irritation or rash occurs: Get medical advice/attention.  
 P337+P313: If eye irritation persists: Get medical advice/attention.  
 P342+P311: If experiencing respiratory symptoms: Call a POISON CENTER/doctor.  
 P362: Take off contaminated clothing.  
 P391: Collect spillage.

### Storage:

P403+P233: Store in a well-ventilated place. Keep container tightly closed.  
 P403+P235: Store in a well-ventilated place. Keep cool.  
 P405: Store locked up.

### Disposal:

P501: Dispose of contents/container according to local, regional, national, and international regulations.

## EMERGENCY OVERVIEW

**IMMEDIATE CONCERNS:** Corrosive. Will cause eye burns and permanent tissue damage.

### POTENTIAL HEALTH EFFECTS

**EYES:** May irritate eyes. May injure eye tissue and result in permanent damage.

**SKIN:** Corrosive, causes skin burning.

**INGESTION:** Harmful if swallowed.

**INHALATION:** May cause irritation to the nose, throat and respiratory tract.

**ROUTES OF ENTRY:** Eye and Skin Contact, Inhalation and Ingestion

**IRRITANCY:** Eye and skin irritation.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Diethylmethylbenzenediamine	< 50	68479-98-1

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### 4. FIRST AID MEASURES

**EYES:** Immediately flush eyes with plenty of tempered water (at least 15-20 minutes) lifting upper and lower eye lids occasionally. Get immediate medical attention.

**SKIN:** Immediately flush skin with plenty of water. Remove clothing. Get medical attention immediately. Wash clothing separately before reuse.

**INGESTION:** If swallowed, do NOT induce vomiting. Give victim two glasses (16 ounces) of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

**INHALATION:** Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention. Asthmatic type symptoms may develop and may be immediate or delayed up to several hours. Treatment is essentially symptomatic.

#### SIGNS AND SYMPTOMS OF OVEREXPOSURE

**EYES:** Causes eye irritation.

**SKIN:** Contact causes skin irritation.

**INGESTION:** Ingestion of this material can cause mouth, throat, esophageal, and gastrointestinal tract irritation.

**INHALATION:** Respiratory tract irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled.

**CHRONIC EFFECTS:** Prolonged and repeated contact may cause asthma like conditions. CNS depression (central nervous system), sensitization, allergic skin reaction (rash, hive-like, acne, itching) and respiratory and skin sensitization. This can be avoided with using proper personal protective equipment and knowing your environment. Repeated overexposure to vapors and/or material may injure liver, kidneys and respiratory system unless suitable engineering controls and/or personal protective equipment and clothing are used.

### 5. FIRE FIGHTING MEASURES

**FLAMMABLE CLASS:** Class IIIB

**EXTINGUISHING MEDIA:** Foam, dry chemical, carbon dioxide.

**EXPLOSION HAZARDS:** Vapors can travel to a source of ignition and flash back. Explosive mixtures may occur at temperatures at or above the flash point.

**FIRE FIGHTING PROCEDURES:** As in any fire, wear self-contained breathing apparatus with pressure-demand, full face piece SCBA (MSHA/NIOSH approved or equivalent) and full protective gear. Use water to cool containers exposed to fire.

**SENSITIVE TO STATIC DISCHARGE:** Not Applicable

**SENSITIVITY TO IMPACT:** None known.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Products of combustion are toxic. Combustion products include oxides of nitrogen and carbon. Fumes are hazardous in case of fire.

### 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Dike area to contain spill. Take precautions as necessary to prevent contamination of ground and surface waters. Recover spilled material on absorbent, such as sawdust or vermiculite, and sweep into closed containers for disposal. Do not flush to sewer. If area of spill is porous, remove as much contaminated earth and gravel, etc. as necessary and place in closed containers for disposal. Only those persons who are adequately trained, authorized, and wearing the appropriate personal protective equipment (PPE) should participate in spill

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response and clean-up.

**LARGE SPILL:** Keep spectators away. Only those persons who are adequately trained, authorized and wearing the required personal protective equipment (PPE) should participate in spill response and clean-up. Know and prepare for spill response before using or handling this product. Dike and contain spill with inert material (e.g. sand, earth). Transfer liquids to covered and labeled containers for disposal. Use appropriate PPE. Place absorbent diking materials in covered containers for disposal. Prevent contamination of sewers, streams, and groundwater with spilled material or used absorbent.

### 7. HANDLING AND STORAGE

**GENERAL PROCEDURES:** For professional or industrial use only. Follow label instructions. Keep out of the reach of children. Not for consumption. No smoking. Do not breathe vapors. Avoid contact with body. Empty containers must not be washed and re-used for any purpose. Contact lens wearers must wear protective eye wear around chemical vapors and liquid. Wash hands thoroughly after handling. To prevent build-up of vapors, use adequate natural and/or mechanical ventilation (e.g. open all windows and doors to achieve cross ventilation).

**HANDLING:** Follow all SDS/label precautions even after container is emptied because they may retain product residues. Containers should be tightly closed to prevent contamination with foreign materials and moisture. Open containers should be used within a day or two to prevent the product from skinning. Employee education and training in the safe handling of this product are required under the Federal OSHA Hazard Communication Standard. Avoid contact of liquid with eyes and prolonged skin exposure.

**STORAGE:** Keep container closed when not in use. Store in a dry, well ventilated area, out of the sun and away from ignition sources. Do not remove or deface label. Prevent water or moist air from entering container.

**STORAGE TEMPERATURE:** 15.5°C (60.0°F) Minimum to 29.4°C (85.0°F) Maximum

**SHELF LIFE:** 6-9 months (unopened containers stored in cool dry locations)

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)				
Chemical Name	Type	EXPOSURE LIMITS		
		ppm	mg/m <sup>3</sup>	
Diethylmethylenediamine	OSHA PEL	TWA	NL [1]	NL [1]
		STEL	NL [1]	NL [1]
	ACGIH TLV	TWA	NL [1]	NL [1]
		STEL	NL [1]	NL [1]

**Footnotes:**  
1. NL = Not Listed

**ENGINEERING CONTROLS:** Use appropriate engineering controls such as process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Good general ventilation should be sufficient to control airborne levels. Where such ventilation systems are not effective, wear suitable personal protective equipment, which performs satisfactorily and meets OSHA or other recognized standards. Consult with local procedures for selection, training, inspection and maintenance of the personale protective equipment.

#### PERSONAL PROTECTIVE EQUIPMENT

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**EYES AND FACE:** Wear safety glasses with side shields, goggles, or a full-face shield. Do not wear contact lenses.

**SKIN:** Wear chemical resistant gloves such as nitrile, neoprene or butyl rubber. Wear chemical protective clothing & boots to prevent repeated or prolonged skin contact.

**RESPIRATORY:** Where vapor concentrations exceed or are likely to exceed the occupational exposure limits, a NIOSH approved continuous flow supplied air respirator, hood or helmet is recommended. A NIOSH approved self-contained positive pressure breathing apparatus with full face piece is required for spills and/or emergencies.

**WORK HYGIENIC PRACTICES:** Use good hygiene practices when handling this material. Wash hands thoroughly after use.

**OTHER USE PRECAUTIONS:** Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Liquid

**ODOR:** Amine-like odor

**COLOR:** Yellowish Clear

**pH:** Not Determined

**PERCENT VOLATILE:** 2

**FLASHPOINT AND METHOD:** > 100°C (200°F) Pensky-Martens CC

**FLAMMABLE LIMITS:** Not Determined

**AUTOIGNITION TEMPERATURE:** Not Applicable

**VAPOR PRESSURE:** Not Determined

**VAPOR DENSITY:** > 1 (Air=1)

**BOILING POINT:** No data

**FREEZING POINT:** Not Determined

**MELTING POINT:** Not Determined

**POUR POINT:** Not Determined

**SOLUBILITY IN WATER:** Reacts with water

**PARTITION COEFFICIENT: N-OCTANOL/WATER:** Not Determined

**EVAPORATION RATE:** < 1.0 (n-Butyl Acetate=1)

**DENSITY:** 8.09 lbs/gal

**PARTICLE SIZE:** Not Determined

**SPECIFIC GRAVITY:** 0.96 to 0.98

**VISCOSITY #1:** 500 cps at 23.9°C (75.0°F)

**MOLECULAR WEIGHT:** Not Determined

**(VOC):** 19 gr/L EPA Method 24 VOC

**OXIDIZING PROPERTIES:** Not Determined

### 10. STABILITY AND REACTIVITY

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**REACTIVITY:** Yes

**HAZARDOUS POLYMERIZATION:** Product will not undergo polymerization.

**STABILITY:** Stable.

**CONDITIONS TO AVOID:** Avoid moisture contact. Avoid high temperature. Avoid storing in sunlight and high heat. Material will darken with time.

**HAZARDOUS DECOMPOSITION PRODUCTS:** May produce organic vapors and fumes and oxides of carbon and nitrogen.

**INCOMPATIBLE MATERIALS:** Avoid moisture contact. Will react slowly with water. Avoid oxidizing agents.

### 11. TOXICOLOGICAL INFORMATION

#### ACUTE TOXICITY

Chemical Name	ORAL LD <sub>50</sub> (rat)	DERMAL LD <sub>50</sub> (rabbit)	INHALATION LC <sub>50</sub> (rat)
Diethylmethylbenzenediamine	738 mg/kg (rats)	> 2000 mg/kg (rat)	No data

**SERIOUS EYE DAMAGE/IRRITATION:** Mild to moderate eyes and skin irritation.

### 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL DATA:** This product contains components that may be harmful to aquatic organisms and may cause long term adverse effects in the aquatic environment.

**ECOTOXICOLOGICAL INFORMATION:** Contains components that are potentially toxic to freshwater and saltwater ecosystems.

**BIOACCUMULATION/ACCUMULATION:** Contains components with the potential to bio-accumulate.

### 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Dispose of in accordance with all local, state and federal regulations.

### 14. TRANSPORT INFORMATION

#### DOT (DEPARTMENT OF TRANSPORTATION)

**PROPER SHIPPING NAME:** Amines, Liquid, Corrosive, N.O.S.

**PRIMARY HAZARD CLASS/DIVISION:** 8

**UN/NA NUMBER:** 2735

**PACKING GROUP:** III

**LABEL:** Corrosive

**OTHER SHIPPING INFORMATION:** (Blocked Diamine)

#### AIR (ICAO/IATA)

**SHIPPING NAME:** Amines, Liquid, Corrosive, N.O.S.

**UN/NA NUMBER:** 2735

**PRIMARY HAZARD CLASS/DIVISION:** 8

**PACKING GROUP:** III

**LABEL:** Corrosive

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**NOTE:** (Blocked Diamine)

**VESSEL (IMO/IMDG)**

**SHIPPING NAME:** Amines, Liquid, Corrosive, N.O.S.

**UN/NA NUMBER:** 2735

**PRIMARY HAZARD CLASS/DIVISION:** 8

**PACKING GROUP:** III

**LABEL:** Corrosive

**NOTE:** (Blocked Diamine)

### 15. REGULATORY INFORMATION

**UNITED STATES**

**SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)**

**FIRE:** No **PRESSURE GENERATING:** No **REACTIVITY:** Yes **ACUTE:** Yes **CHRONIC:** Yes

**TSCA (TOXIC SUBSTANCE CONTROL ACT)**

Chemical Name	CAS
Diethylmethylbenzenediamine	68479-98-1

**CANADA**

**WHMIS HAZARD SYMBOL AND CLASSIFICATION**



Toxic



Corrosive

### 16. OTHER INFORMATION

**Date Revised:** 09/06/2017

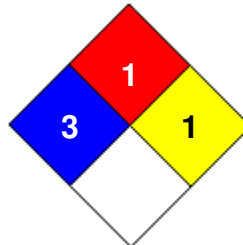
**INFORMATION CONTACT:** (714) 898-0025

**REVISION SUMMARY:** This MSDS replaces the 05/07/2015 MSDS. Revised: **Section 1:** Date Issued.

**HMIS RATING**

<b>HEALTH</b>	*	<b>3</b>
<b>FLAMMABILITY</b>		<b>1</b>
<b>PHYSICAL HAZARD</b>		<b>1</b>
<b>PERSONAL PROTECTION</b>		<b>B</b>

**NFPA CODES**



**GENERAL STATEMENTS:** Keep out of reach of children  
For professional or industrial use only

**MANUFACTURER DISCLAIMER:** This document may be used to comply with OSHA's Hazardous Communication Standard, 29 CFR 1910.1200.

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To the best of our knowledge, the information contained in this SDS is accurate. It is intended to assist the user in his/her evaluation of the product's hazards and safety precautions to be taken in its use. The data in this SDS relate only to the specific material designated herein. We do not assume liability for the use of, or reliance on this information, nor do we guarantee its accuracy or completeness.

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