



# MATERIAL SAFETY DATA SHEET

## 1. COMPANY AND PRODUCT INFORMATION

**Product Name:** Sundek SunOne P Polyaspartic, Part B

**Supplier**  
Sundeck Products USA, Inc  
805 Ave. H Suite 508  
Arlington, Texas 76011  
For health and safety questions:  
Phone number (888) 390-0305  
Fax number (817) 649-7292  
E-mail: products@sundek.com

**For Chemical Emergency  
Spill, Leak, Fire, Exposure, or Accident  
Call CHEMTREC Day or Night**

**Within USA and Canada: 1-800-424-9300  
Outside USA and Canada: 1-703-527-3887  
(collect calls accepted)**

## 2. GENERAL INFORMATION

**Product Class:** Aliphatic Polyisocyanate  
**HMIS Codes:** H F R P  
2 1 1 G

## 3. HAZARDOUS INGREDIENTS

	<u>CAS#</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Aliphatic Polyisocyanate	*	N/E	N/E
Hexamethylene Isocyanate	822-060	N/E	.005 ppm
Methyl Ethyl Ketone	78933	200 ppm	200 ppm

\* Trade Secret

## 4. PHYSICAL DATA

<b>Boiling Point:</b> N/E	<b>Solubility in Water:</b> Soluble
<b>Vapor Pressure:</b> N/E	<b>Evaporation Rate:</b> N/E
<b>Vapor Density:</b> N/E	<b>Appearance:</b> Clear/Pale Yellow
<b>Specific Gravity:</b> N/E	<b>Odor:</b> Slight
<b>Percent Volatiles:</b> None	

## 5. FIRE AND EXPLOSION HAZARD DATA

**Flash Point:** Greater than 250° F (SETA Flash c.c.)

**Flammable Limits:** LEL: N/E  
UEL: N/E

**Extinguishing media:** Dry chemical, carbon dioxide, foam water.

**Special Fire Fighting Procedures:** Fire-fighter should wear self-contained breathing apparatus and full protective clothing. Use water spray to cool nearby containers and structures exposed to fire.

**Fire and Explosion Hazards:** During fire, HDI vapors and other highly toxic gases may be generated. Closed containers may explode when exposed to extreme heat or when contaminated with water.

**Hazardous Combustion Products:** Carbon dioxide, carbon monoxide, oxides of nitrogen traces of HDI and HCN.

## 6. REACTIVITY DATA

**Stability:** Stable

**Hazardous Polymerization:** May occur; contact with moisture or other materials which react with isocyanates or temperatures over 400°F may cause polymerization.

## 7. HEALTH HAZARD DATA

<b>Primary Route of Entry:</b>	Inhalation, skin contact, eye contact
<b>Eye Contact:</b>	May cause tearing, reddening and swelling accompanied by a stinging sensation.
<b>Skin Contact:</b>	May cause irritation, reddening, swelling, rash, scaling or blistering.
<b>Inhalation:</b>	Vapors or mist above the TLV can irritate the mucous membranes in the respiratory tract causing runny nose, sore throat, coughing, chest discomfort and reduced lung function. Persons with a pre-existing non-specific bronchial hyperactivity can respond to concentrations below the TLV with similar symptoms or an asthma attack. Exposure well above the TLV may lead to bronchitis, bronchial spasm and pulmonary edema.
<b>Ingestion:</b>	No adverse effects found.
<b>Chronic Overexposure:</b>	Can lead to sensitization (chemical asthma). Symptoms would include chest tightness, wheezing, cough, shortness of breath or asthmatic attack which could be immediate or delayed up to several hours after exposure. Chronic overexposure has been reported to cause lung damage which may be permanent.

## 8. FIRST AID

<b>Eyes:</b>	Flush with clean water for at least 15 minutes while lifting eyelids. Call physician immediately.
<b>Skin:</b>	Remove contaminated clothing immediately. Wash affected areas thoroughly with soap (green tincture soap is recommended) and water. For severe exposures, get under safety shower after removing clothing. Get medical attention.
<b>Ingestion:</b>	Do not induce vomiting. Give 1 or 2 cups of milk or water to drink. Consult physician.
<b>Inhalation:</b>	Move to fresh air. Administer oxygen or artificial respiration as needed. Obtain medical attention.

## 9. SPECIAL PROTECTION INFORMATION

<b>Respiratory Protection:</b>	A respirator that is approved for use in isocyanate containing environments (air purifying or fresh air supplied) is necessary for spray applications or other situations such as high temperature use which may produce volatilization.
<b>Ventilation:</b>	General dilution ventilation that maintains vapor levels below the appropriate exposure limit is recommended.
<b>Eye Protection:</b>	Safety glasses or goggles are recommended.
<b>Skin Protection:</b>	Impermeable gloves are recommended.

## 10. SPILL OR LEAK PROCEDURES

<b>Steps to be taken if material is released or spilled:</b>	Wear protective equipment to prevent exposure. Collect spill with absorbent material. Flush area with a 5% TSP/water solution.
<b>Waste Disposal Method:</b>	Dispose of in compliance with federal, state or local government regulations.

## 11. SHIPPING DATA

<b>D.O.T. Shipping Name:</b>	Epoxy Paint
<b>Technical Shipping Name:</b>	Aliphatic Polyisocyanate
<b>D.O.T. Hazard Class:</b>	Not Regulated
<b>UN/NA Number:</b>	N/A
<b>Reportable Quantity:</b>	None
<b>D.O.T. Labels Required:</b>	None
<b>Shipping Class:</b>	55

### Disclaimer:

To the best of our knowledge, the information contained herein is accurate, obtained from sources believed by this company to be accurate.