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

	CAS#	OSHA PEL	ACGIH TLV
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

Boiling Point: N/E
Vapor Pressure: N/E
Vapor Density: N/E
Specific Gravity: N/E
Percent Volatiles: None

Solubility in Water: Soluble
Evaporation Rate: N/E
Appearance: Clear/Pale Yellow
Odor: Slight

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

Primary Route of Entry: Inhalation, skin contact, eye contact
Eye Contact: May cause tearing, reddening and swelling accompanied by a stinging sensation.
Skin Contact: May cause irritation, reddening, swelling, rash, scaling or blistering.
Inhalation: 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.
Ingestion: No adverse effects found.
Chronic Overexposure: 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

Eyes: Flush with clean water for at least 15 minutes while lifting eyelids. Call physician immediately.
Skin: 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.
Ingestion: Do not induce vomiting. Give 1 or 2 cups of milk or water to drink. Consult physician.
Inhalation: Move to fresh air. Administer oxygen or artificial respiration as needed. Obtain medical attention.

9. SPECIAL PROTECTION INFORMATION

Respiratory Protection: 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.
Ventilation: General dilution ventilation that maintains vapor levels below the appropriate exposure limit is recommended.
Eye Protection: Safety glasses or goggles are recommended.
Skin Protection: Impermeable gloves are recommended.

10. SPILL OR LEAK PROCEDURES

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

11. SHIPPING DATA

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

Disclaimer:

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