



MATERIAL SAFETY DATA SHEET

1. COMPANY AND PRODUCT INFORMATION

Product Name: Sundek SunClear HT Clear, 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: Isocyanate Solution
HMIS Codes: H F R P
2 3 1 G

3. HAZARDOUS INGREDIENTS

	<u>Percent</u>	<u>CAS#</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Propylene Glycol Mono-Methyl Ether Acetate	5-15	108-65-6	N/E	N/E
Homopolymer of Hexamethylene Diisocyanate	85-95	28182-81-2	N/E	N/E

4. PHYSICAL DATA

Boiling Point: Begins at 280°F
Vapor Pressure: 3.7mm Hg
Vapor Density: Heavier Than Air
Specific Gravity: 1.09
Percent Volatiles: 5-15

Solubility in Water: Insoluble, but reacts slowly
Evaporation Rate: N/A
Appearance: Pale Yellow Clear Liquid
Odor: Of Solvent, Fruity Ester-Like

5. FIRE AND EXPLOSION HAZARD DATA

Flash Point: 122°F SETA Flash (ASTM D-3243)
Flammable Limits:

LEL: 1.3 @ 173°F
UEL: 13.1 @ 283°F

Extinguishing media: Foam, Dry Chemical, Carbon Dioxide. Do Not Use Water.
Special Fire Fighting Procedures: Firefighters should wear full emergency equipment with self-contained breathing apparatus. During fires irritating, toxic gases and smoke may be present from decomposition/combustion products.
Fire and Explosion Hazards: Product will burn under fire conditions. Toxic, corrosive fumes may be emitted.
Hazardous Combustion Products: Oxides of Carbon and Nitrogen

6. REACTIVITY DATA

Stability: Stable
Hazardous Polymerization: Will not occur
Incompatibility: Water, strong bases, strong acids, strong oxidizing agents and amines.

7. HEALTH HAZARD DATA

Primary Route of Entry: Inhalation, Dermal, Eye contact.
Eye Contact: Contact is severely irritating and can cause pain, tearing, redness and swelling. If left untreated, corneal damage can occur. Injury is slow to heal, but damage is usually reversible.

7. HEALTH HAZARD DATA (CONT)

Skin Contact:	Isocyanates react with skin protein and moisture and can cause irritation. Symptoms include reddening, swelling, rash, scaling and blistering. Cured material is difficult to remove.
Ingestion:	Can result in irritation and possibly corrosive action in the mouth, stomach tissue and digestive tract.
Inhalation:	Inhalation of mist can irritate the mucous membrane in the respiratory tract causing runny nose, sore throat, coughing, chest discomfort and shortness of breath. Acute exposure may lead to bronchitis, bronchial spasm or pulmonary edema. These effects are usually reversible.
Chronic Overexposure:	May result in isocyanate sensitization.

8. FIRST AID

Eyes:	Flush eyes with clear water for 15 minutes. Refer individual to a physician for immediate follow-up.
Skin:	Remove contaminated clothing immediately. Wash affected areas with soap and water. Wash contaminated clothing thoroughly before reuse. Seek medical attention if irritation develops or persists.
Ingestion:	Do not induce vomiting. Give 1 to 2 cups of milk or water to drink. Do not give anything by mouth to an unconscious person. Consult physician.
Inhalation:	Move to an area free from risk of further exposure. Administer oxygen or artificial respiration as needed. Obtain medical attention. Asthmatic-type symptoms may develop and may be immediate or delayed up to several hours. Treatment is essentially symptomatic.

Note To Physician:

Eyes:	Stain for evidence of corneal injury. If cornea is burned, instill antibiotic/steroid preparation frequently.
Skin:	This product is a known sensitizer. Treat symptomatically as for contact dermatitis or thermal burn.
Inhalation:	This product is a known pulmonary sensitizer. Treatment is essentially symptomatic. An individual having a sensitization reaction to this material must be removed from any further exposure to any isocyanate.
Ingestion:	Treat symptomatically no specific antidote.

9. SPECIAL PROTECTION INFORMATION

Respiratory Protection:	A NIOSH approved respiratory for organic vapor should be used. In spray applications a supplied air respirator is recommended.
Ventilation:	Possible use precautions as above.
Eye Protection:	Chemical splash goggles or full face shield.
Skin Protection:	Permeation resistant gloves. Cover as much of the exposed skin area as possible with appropriate clothing.

10. SPILL OR LEAK PROCEDURES

Steps to be taken if material is released or spilled:

Evacuate non-essential personnel. Remove all sources of ignition. Put on personal protective equipment. Dike spilled material and control further spillage. Pour decontamination solution over spill and allow to react for at least 10 min. Collect material in open containers and further amounts of decontamination solution. Wash down spill area with decontamination solution. Decontamination solutions: Concentrated (3.8%), detergent (2%) and water (90-95%) or Union Carbide's tergitol TMN-10 (20%) and water (80%)

Waste Disposal Method:

Waste must be disposed of in accordance with all federal, state and local regulations. Incineration is preferred method. Empty containers will contain product residue. Decontaminate prior to disposal.

11. SHIPPING DATA

D.O.T. Shipping Name:	Paint Related Material
Technical Shipping Name:	Tolonate HDB 75BX
D.O.T. Hazard Class:	Flammable Liquid
UN/NA Number:	UN1263
Reportable Quantity:	N/A
D.O.T. Labels Required:	Flammable Liquid
Shipping Class:	55
Packing Group:	III

Disclaimer:

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