



# SAFETY DATA SHEET

## 1. COMPANY AND PRODUCT INFORMATION

**Product Name:** Sundek SunOne Base 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. HAZARDS IDENTIFICATION

### Classification

#### OSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Specific Target Organ Toxicity - Repeated Exposure	Category 1
Acute toxicity	Category 4
Skin Irritation	Category 2
Eye Irritation	Category 2
Skin Sensitization	Category 1
Specific Target Organ Toxicity - Single Exposure	Category 3

### Label elements

This product is classified and labelled according to regulation.

### Emergency Overview

#### **Danger**

#### Hazard statements

May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
May cause damage to organs through prolonged or repeated exposure.  
Harmful if inhaled.  
Causes skin irritation.  
Causes serious eye irritation.  
May cause an allergic skin reaction.  
May cause respiratory irritation.



**Appearance:** Transparent Liquid

**Physical state liquid**

**Odor Slight**

**Precautionary Statements - Prevention & Response**

If medical advice is needed, have product container or label at hand. Keep out of reach of children.

Read label before use.

Do not breathe dust/fume/gas/mist/vapors/spray.

In case of inadequate ventilation wear respiratory protection.

Avoid breathing dust/fume/gas/mist/vapors/spray.

Wear protective gloves/protective clothing/eye protection/face protection. Wash thoroughly after handling.

Use only outdoors or in a well-ventilated area.

Contaminated work clothing should not be allowed out of the workplace.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lens if present and easy to do. Continue rinsing.

Specific treatment (see on this label).

If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician. Take off contaminated clothing and wash before reuse.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Call a POISON CENTER or doctor/physician if you feel unwell.

Wash contaminated clothing before reuse.

IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

If skin irritation occurs: Get medical advice/attention.

If skin irritation or rash occurs: Get medical advice/attention.

If eye irritation persists: Get medical advice/attention.

Get medical advice/attention if you feel unwell.

IF ON SKIN: Wash with plenty of soap and water.

Store locked up.

Store in a well-ventilated place. Keep container tightly closed.

Dispose of contents/container in accordance with local/regional/national/international regulations.

**Precautionary Statements - Storage**

Store in well-ventilated place. Keep Cool. Keep container tightly closed. Store locked up.

**Precautionary Statements - Disposal**

Dispose of contents/container in accordance with local/regional/national regulations.

**Other Information**

Contains isocyanates. May produce an allergic reaction.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Substance**

Chemical Name	CAS No.	Weight-%	Trade Secret
4,4'-methylenediphenyl diisocyanate	101-68-8	n/a	*
Modified MDI	25686-28-6	n/a	*

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

### 4. FIRST-AID MEASURES

**Description of first aid measures****General advice**

Move out of the dangerous area. Consult a physician. Provide this Safety Data Sheet to the doctor in attendance.

**Eye contact**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

**Skin contact**

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash off immediately with soap and plenty of water. If skin irritation persists, call a physician.

**Inhalation**

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If breathing is irregular or stopped, administer artificial respiration. If symptoms persist, call a physician.

**Ingestion** IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting. Never give anything by mouth to an unconscious person.

**Most important symptoms and effects, both acute and delayed**

**Symptoms** Breathing difficulty. Danger of impaired breathing.

**Indication of any immediate medical attention and special treatment needed**

**Note to physicians** Treat symptomatically. For additional information, see Safety Data Sheet.

## 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media**

CO<sub>2</sub>, powder, or water spray. Fight larger fires with water spray or alcohol resistant foam.

**Unsuitable extinguishing media** Not available

**Specific hazards arising from the chemical**

Not available

**Explosion data**

**Sensitivity to Mechanical Impact** Not available.

**Sensitivity to Static Discharge** Not available

**Protective equipment and precautions for firefighters**

Wear self-contained breathing apparatus and protective suit.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Use personal protective equipment as required. P261 - Avoid breathing dust/fume/gas/mist/vapors/spray. Ensure adequate ventilation, especially in confined areas. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.

**Environmental precautions** Dilute with water. Prevent further leakage or spillage if safe to do so. Do not allow product to enter any drains or waterways.

**Methods and material for containment and cleaning up**

**Methods for containment** Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust. Send for recovery or disposal in appropriate receptacles.

**Methods for cleaning up** Use a non-combustible material like vermiculite or sand to soak up the product and place into a container for later disposal. Use clean non-sparking tools to collect absorbed material. Dispose according to local regulations.

## 7. HANDLING AND STORAGE

**Precautions for safe handling**

**Advice on safe handling** Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid breathing fumes from hot material. Use with local exhaust ventilation. Avoid inhalation of vapor or mist. Avoid contact with eyes. Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols.

**Conditions for safe storage, including any incompatibilities**

<b>Storage Conditions</b>	Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store in cool location. Protect from humidity and water.
<b>Incompatible materials</b>	Store away from food.

**8. EXPOSURE CONTROLS, PERSONAL PROTECTION – EXPOSURE GUIDELINES****Control parameters**

<b>Exposure Guidelines</b>	4,4'-methylenediphenyl diisocyanate CAS# 101-68-8 PEL (USA) Short term value: C 0.2 mg/m <sup>3</sup> , C 0.02 ppm REL (USA) Short term value: C 0.2* mg/m <sup>3</sup> , C 0.02* ppm Long term value: 0.05 mg/m <sup>3</sup> , 0.005 ppm TLV 0.051 mg/m <sup>3</sup> , 0.005 ppm
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**Appropriate engineering controls**

<b>Engineering Controls</b>	General/Local Ventilation Recommended.
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**Individual protection measures, such as personal protective equipment**

<b>Eye/face protection</b>	Wear safety glasses with side shields (or goggles).
<b>Skin and body protection</b>	Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact. Wear chemical resistant gloves at minimum. Wash skin immediately upon contact. Wash hands at mealtime and end of shift.
<b>Respiratory protection</b>	Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators.

<b>General Hygiene Considerations</b>	Handle in accordance with good industrial hygiene and safety practice. Wash hands before and after breaks and at the end of the work day. Keep away from food, feed and beverages.
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**9. PHYSICAL AND CHEMICAL PROPERTIES****Information on basic physical and chemical properties**

<b>Physical state</b>	liquid	<b>Odor</b>	Slight
<b>Appearance</b>	Transparent Liquid	<b>Odor threshold</b>	No data available
<b>Color</b>	Transparent Brown Liquid		
<b>Property</b>	<b>Values</b>	<b>Remarks • Method</b>	
<b>pH</b>	Not Relevant		
<b>Melting point / freezing point</b>	Undetermined		
<b>Boiling point / boiling range</b>	Undetermined		
<b>Flash point</b>	Not Applicable	CC (closed cup)	
<b>Evaporation rate</b>	Not Available		
<b>Flammability (solid, gas)</b>	Not Relevant		
<b>Flammability Limit in Air</b>			
<b>Upper flammability limit:</b>	Not Available		
<b>Lower flammability limit:</b>	Not Available		
<b>Vapor pressure</b>	Not Available		
<b>Vapor density</b>	1.1 g/cm <sup>3</sup>	Not Available	
<b>Relative density</b>	Not Available		
<b>Water solubility</b>	Insoluble in water		
<b>Solubility in other solvents</b>	Not Available		
<b>Partition coefficient</b>	Not Available		
<b>Autoignition temperature</b>	N		
<b>Decomposition temperature</b>	Transparent Liquid		
<b>Kinematic viscosity</b>	Not Available		

## Sundek SunOne Base Part B

Dynamic viscosity Not Available

Explosive properties Not Available

Oxidizing properties Not Available

Not Available

Not Available

0 g/L

Not Available

Not Available

## 10. STABILITY AND REACTIVITY

### Reactivity

Not Available

### Chemical stability

No thermal decomposition if used and store according to specifications.

### Possibility of Hazardous Reactions

Reacts with strong acids, strong alkali, amines, with oxidizing agents, with inorganic acid chlorides. Exothermic polymerization

### Conditions to avoid

No further relevant information available.

### Incompatible materials

No further relevant information available.

### Hazardous Decomposition Products

Danger of toxic fluorine based pyrolysis products, poisonous gases, vapours, carbon monoxide and carbon dioxide.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

**Inhalation** Direct contact and vapor inhalation.

**Eye contact** Direct contact.

**Skin contact** Direct contact.

**Ingestion** Direct contact.

### Information on toxicological effects

**Symptoms** May cause drowsiness or dizziness if inhaled. May cause respiratory irritation. Causes serious eye irritation. Causes skin irritation.

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Skin corrosion/irritation** Irritating to skin.

**Serious eye damage/eye irritation** Irritating to eyes. Risk of serious damage to eyes.

**Irritation** Irritating to eyes, respiratory system and skin.

**Sensitization** Possible through inhalation and skin contact.

**Germ cell mutagenicity** No data available.

**Carcinogenicity** No data available.

**Reproductive toxicity** Not Available.

**STOT - single exposure** Not Available.

**STOT - repeated exposure** May cause damage to organs through prolonged/repeated exposure.

**Aspiration hazard** Not Available.

### Numerical measures of toxicity - Product Information

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity** The product contains materials that are harmful to the environment.

**Persistence and degradability**

Not available

**Bioaccumulation**

Not available

**Other adverse effects**

Water hazard class 2 (GER) slightly hazardous for water. Do not allow undiluted product in large quantities to reach ground water, water course, or sewage system.

## 13. DISPOSAL CONSIDERATIONS

**Waste treatment methods**

**Disposal of wastes**

Under RCRA 40 CFR 261 this material is a hazardous waste. Dispose of in accordance with all federal, state, and local regulations. If uncertain of local requirements, contact the proper environmental authorities for information on waste disposal in your area. Contact a licensed professional waste disposal service to dispose of this material.

**Contaminated packaging**

Dispose of in accordance with federal, state and local regulations.

## 14. TRANSPORT INFORMATION

**DOT** N/A

**IATA** N/A

**IMDG** N/A

## 15. REGULATORY INFORMATION

**International Inventories**

<b>TSCA</b>	Complies
<b>DSL/NDSL</b>	Complies
<b>EINECS/ELINCS</b>	No data available
<b>ENCS</b>	No data available
<b>IECSC</b>	No data available
<b>KECL</b>	No data available
<b>PICCS</b>	No data available
<b>AICS</b>	No data available

**Legend:**

All ingredients are on the inventory or fall under the polymer exemption or are on the no longer polymer list.

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

**US Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does contain the following chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**4,4'-methylenediphenyl diisocyanate CAS# 101-68-8**

**US State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals

**U.S. State Right-to-Know Regulations****U.S. EPA Label Information**

<b>16. OTHER INFORMATION</b>
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<b><u>NFPA</u></b>	Health hazards 2	Flammability 0	Instability 0	<b>Physical and Chemical Properties -</b>
<b><u>HMIS</u></b>	Health hazards 2	Flammability 0	Physical hazards 0	<b>Personal protection X</b>

**Issue Date** 2/28/18

**Revision Date**

**Revision Note**

No data available

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