



# SAFETY DATA SHEET

## 1.0 IDENTIFICATION

1.1 GHS product identifier: SunLastic WP50

1.2 Other means of identification: Deck covering polymer membrane

1.1 Recommended use of the chemical and restrictions on use: N/A

1.2 Supplier's details: Sundeck Products USA, Inc.  
805 Avenue H East, Suite 508  
Arlington, TX 76011  
(888) 390-0305

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

**Within USA and Canada: 1-800-424-9300**

## 2.0 HAZARDS IDENTIFICATION

### 2.1 GHS Classification:

- Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

2.2 Signal word: (none)

### 2.3 Hazard statements:

- H333: May be harmful if inhaled
- H335: May cause respiratory irritation
- H320 Causes eye irritation
- H303: May be harmful if swallowed
- H373: May cause damage to organs through prolonged or repeated exposure

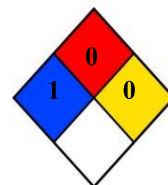
### 2.4 Precautionary statements

- P102: Keep out of reach of children
- P103: Read label before use
- P280: Wear protective gloves/protective clothing/eye protection/face protection
- P501: Dispose of contents and container in accordance with all local, regional, national and international regulations.

HMIS-RATINGS (SCALE 0 – 4)

HEALTH	1
FLAMMABILITY	0
REACTIVITY	0

Health = 1  
Fire = 0  
Reactivity = 0



## EMERGENCY OVERVIEW:

For Routine Industrial Applications

SYMPTOMS OF OVER-EXPOSURE BY ROUTE OF EXPOSURE: The most significant route of occupational overexposure is contact with skin. The symptoms of overexposure to this product are as follows:

INHALATION: It is possible to breathe this material under certain conditions of handling and use (for example, during mixing or spraying in a confined area). Breathing small amounts of this material during normal handling is not likely to cause harmful effects. Breathing large amounts may be harmful.

CONTACT WITH SKIN or EYES: Contact with the eyes may cause slight transient (temporary) eye irritation. Corneal injury is unlikely. Prolonged or repeated skin contact may dry the skin. Symptoms may include redness, drying and cracking of skin. Additional symptoms of skin contact may include: allergic skin reaction (delayed skin rash which may be followed by blistering, scaling and other skin effects), and numbness.

INGESTION: Ingestion is not anticipated to be a significant route of over-exposure to this product.

INJECTION: Though injection is not anticipated to be a significant route of over-exposure to this product, if it occurs, local reddening, tissue swelling, and discomfort may result.

## HEALTH EFFECTS OR RISKS FROM EXPOSURE: An Explanation in **Lay Terms**.

**ACUTE:** Contact with this solution may cause irritation of the eyes, skin, mucous membranes, and any other exposed tissue. If inhaled, irritation of the respiratory system may occur, with coughing, and breathing difficulty.

**CHRONIC:** Repeated skin contact with this product may result in dermatitis (inflammation and reddening of the skin). Prolonged or repeated exposure may cause liver and kidney damage.

### 3.0 COMPOSITION/INFORMATION ON INGREDIENTS

4	CHEMICAL NAME	CAS #	% w /w	EXPOSURE LIMITS IN AIR					
				ACGIH		OSHA		IDLH mg/m <sup>3</sup>	OTHER mg/m <sup>3</sup>
				TLV mg/m <sup>3</sup>	STEL mg/m <sup>3</sup>	PEL mg/m <sup>3</sup>	STEL mg/m <sup>3</sup>		
SBR Copolymer	Proprietary	40 - 70	NE	NE	NE	NE	NE		
Calcium Carbonate * Note 1	1317-65-3	10 - 30	TWA Inhalable 10 Respirable 3	NE	TWA Total Dust 15 Resp. Dust 5	NE	NE		
Titanium Dioxide * Note 1	13463-67-7	1 - 5	TWA (8 hr) Total Dust 10	NE	TWA (8 hr) Total Dust 15	NE	NE		
Water and other ingredients. The other ingredients are each present in less than 1 percent concentration in this product.	Balance	The components present in the balance of this product do not contribute any significant, additional hazards. All hazard information pertinent to this product has been presented in the remaining sections of this Safety Data Sheet, per the requirements of Federal Occupational Safety and Health Hazard Communication Standard (29 CFR 1910.1200).							
VOC = 0 grams/liter									

Note 1: Exposure limits only applicable for dust abraded from dried material.

NE = Not Established. C = Ceiling Limit. See Section 16 for Definitions of Terms Used.

NOTE: All WHMIS required information is included. It is located in appropriate sections based on the ANSI Z400.1-1993 format.

### 4.0 FIRST-AID MEASURES

- 4.1 Skin Exposure:** For Skin contact, if available, wash with large amounts of running water and soap for 15 minutes. Remove contaminated clothing and shoes. Get immediate medical attention. Discard or decontaminate clothing before re-use, and destroy contaminated shoes.
- 4.2 Eye Exposure:** For eye contact, immediately flush eyes for at least 15 minutes with running water. Hold eyelids apart to ensure rinsing of the entire eye surface and lids with water. Get immediate medical attention.
- 4.3 Inhalation:** If inhaled, remove from area to fresh air. If not breathing, give artificial respiration. Get immediate medical attention. If breathing is difficult, transport to medical care and, if available, give supplemental oxygen.
- 4.4 Ingestion:** If swallowed, immediately give at least 3-4 glasses of water, but do not induce vomiting. If vomiting occurs, give fluids again. Do not give anything by mouth to an unconscious or convulsing person. Get immediate medical attention. Have physician determine whether vomiting or stomach evacuation is necessary.

### 5.0 FIRE-FIGHTING MEASURES

FLASH POINT, °C (method) : >110°C (230°F) Closed Cup

AUTOIGNITION TEMPERATURE, °C: NE

FLAMMABLE LIMITS (in air by volume, %): Lower (LEL): NE  
Upper (UEL): NE

FIRE EXTINGUISHING MATERIALS:

Water Spray: YES

Foam: YES

Halon: YES

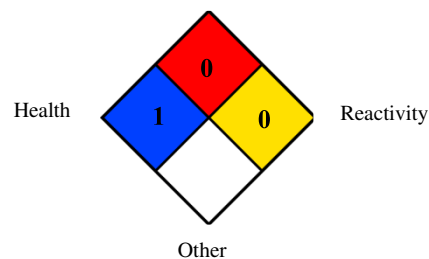
Carbon Dioxide: YES

Dry Chemical: YES

Other: Any "ABC" Class.

#### NFPA RATING

Flammability



**5.1 UNUSUAL FIRE AND EXPLOSION HAZARDS:** Run-off from fire control may cause pollution. Keep fire-exposed containers cool with water spray to prevent rupture due to excessive heat. High pressure water hose may spread product from broken containers increasing contamination. If involved in a fire, this product may decompose to produce a variety of compounds (i.e. carbon monoxide, carbon dioxide, and other compounds). Emergency responders must wear the proper personal protective equipment suitable for the situation to which they are responding. Products of combustion are irritating to the respiratory tract and may cause breathing difficulty. Symptoms may be delayed several hours or longer depending upon the extent of exposure.

Explosion Sensitivity to Mechanical Impact: Not sensitive.

Explosion Sensitivity to Static Discharge: Not sensitive.

**5.2 SPECIAL FIRE-FIGHTING PROCEDURES:** Incipient fire responders should wear eye protection. Structural fire fighters must wear Self-Contained Breathing Apparatus and full protective equipment. Move fire-exposed containers, if it can be done without risk to firefighters. If possible, prevent run-off water from entering storm drains, bodies of water, or other environmentally sensitive areas. If necessary, discard or decontaminate fire response equipment before returning such equipment

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## 6.0 ACCIDENTAL RELEASE MEASURES

**6.1 SPILL AND LEAK RESPONSE:** Uncontrolled releases should be responded to by trained personnel using pre-planned procedures. Proper protective equipment should be used. In case of a spill, clear the affected area, protect people, and respond with trained personnel.

The proper personal protective equipment for incidental releases (e.g. -1 L of the product released in a well-ventilated area) use impermeable gloves, specific for the material handled, goggles, face shield, and appropriate body protection. In the event of a large release, use impermeable gloves, specific for the material handled, chemically resistant suit and boots, and hard-hat. Self Contained Breathing Apparatus or respirator may be required where engineering controls are not adequate or conditions for potential exposure exist. When respirators are required, Select NIOSH/MSHA approved based on actual or potential airborne concentrations in accordance with latest OSHA and/or ANSI recommendations. Absorb spilled liquid with polypads or other suitable absorbent materials. Neutralize residue with sodium bicarbonate and water rinse. Decontaminate the area thoroughly. Test area with litmus paper to confirm neutralization. Place all spill residue in a suitable container. Dispose of in accordance with Federal, State, and local hazardous waste disposal regulations (see Section 13, Disposal Considerations). Considerations).

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## 7.0 HANDLING AND STORAGE

**7.1 Work Practices and Hygiene Practices:** As with all chemicals, avoid getting this product ON YOU or IN YOU. Wash hands after handling this product. Do not eat or drink while handling this material. Remove contaminated clothing immediately. Discard contaminated clothing items, or launder before re-use. Inform anyone handling such contaminated laundry of the hazards associated with this product. Use ventilation and other engineering controls to minimize potential exposure to this product.

**7.2 Storage and Handling Practices:** All employees who handle this material should be trained to handle it safely. Avoid breathing mists or sprays generated by this product. Use in a well-ventilated location. **Keep from freezing.**

**7.3 PROTECTIVE PRACTICES DURING MAINTENANCE OF CONTAMINATED EQUIPMENT:** Follow practices indicated in Section 6 (Accidental Release Measures). Make certain application equipment is locked and tagged-out safely. Always use this product in areas where adequate ventilation is provided. Decontaminate equipment before maintenance begins by a triple- rinse with water followed, if necessary, by using sodium bicarbonate and an additional rinse. Collect all rinsates and dispose of according to applicable Federal, State, or local procedures.

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## 8.0 EXPOSURE CONTROLS/PERSONAL PROTECTION

**8.1 VENTILATION AND ENGINEERING CONTROLS:** If required use a corrosion-resistant ventilation system separate from other exhaust ventilation systems to ensure that there is no potential for overexposure to sprays, or mists of this product and that exposures are below those in section 2 (Composition and Information on Ingredients). Ensure eyewash/safety shower stations are available near areas where this product is used.

**8.2 RESPIRATORY PROTECTION:** Maintain airborne contaminant concentrations below exposure limits listed in Section 2 (Composition and Information on Ingredients). If respiratory protection is needed, use only protection authorized in 29 CFR 1910.134, or applicable State regulations. If adequate ventilation is not available or if there is potential for airborne exposure above the exposure limits (listed in Section 2) a respirator may be worn up to respirator exposure limitations, check with respirator equipment manufactures recommendations/limitations. For a higher level of protection use positive pressure supplied air respiration protection or Self Contained Breathing Apparatus or if oxygen levels are below 19.5% or are unknown.

**EMERGENCY OR PLANNED ENTRY INTO UNKNOWN CONCENTRATIONS OR IDLH CONDITIONS:**

Positive pressure, full-facepiece Self Contained Breathing Apparatus; or positive pressure, full-facepiece Self Contained Breathing Apparatus with an auxiliary positive pressure Self Contained Breathing Apparatus.

**8.3 EYE PROTECTION:** Splash goggles or safety glasses. Face-shields are recommended when the operation can generate splashes, sprays or mists.

**8.4 HAND PROTECTION:** Wear appropriate gloves for routine industrial use. Use appropriate gloves for spill response, as stated in Section 6 of this SDS (Accidental Release Measures).

**8.5 BODY PROTECTION:** Use body protection appropriate for task. Cover-all, rubber aprons, or chemical protective clothing made from natural rubber are generally acceptable, depending upon the task.

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## 9.0 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Relative Vapor Density (air=1).....	>ND
9.2 Specific Gravity (water=1).....	1.11
9.3 Solubility in Water.....	Insoluble
9.4 Vapor Pressure mm Hg @ 20 °C.....	ND
9.5 Odor.....	Slight
9.6 Evaporation Rate (n-BuAc=1).....	ND
9.7 Melting/Freezing Point.....	NE
9.8 Boiling Point.....	>ND
9.9 pH.....	7-9

APPEARANCE AND COLOR: This product is a colored/pigmented liquid.

HOW TO DETECT THIS SUBSTANCE (warning properties): ND

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## 10.0 STABILITY AND REACTIVITY

**10.1 STABILITY:** Stable.

**10.2 DECOMPOSITION PRODUCTS:** Thermal decomposition products of this solution can include a variety of compounds. (i.e. carbon monoxide, carbon dioxide, and other compounds).

**10.3 MATERIALS WITH WHICH SUBSTANCE IS INCOMPATIBLE:** Avoid water-reactive materials, heat or contact with peroxides or other catalysts.

**10.4 HAZARDOUS POLYMERIZATION:** Will not occur by itself.

**10.5 CONDITIONS TO AVOID:** Avoid exposure or contact to extreme temperatures and incompatible chemicals.

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## 11.0 Toxicological Information

**11.1 TOXICITY DATA:** Additional toxicology information for components greater than 1 percent in concentration is provided below.

**ND**

**11.2 SUSPECTED CANCER AGENT:** The major components of this product are not found on the following lists: FEDERAL OSHA Z LIST, NTP, IARC and are therefore not considered to be, nor suspected to be, cancer-causing agents by these agencies

**11.3 IRRITANCY OF PRODUCT:** This product is moderately irritating to contaminated tissue.

**11.4 SENSITIZATION TO THE PRODUCT:** Prolonged or repeated skin contact can result in the development of rashes, and other allergy-like symptoms.

**11.5 REPRODUCTIVE TOXICITY INFORMATION:** Listed below is information concerning the effects of this product and its components on the human reproductive system.

Mutagenicity: This product is not reported to produce mutagenic effects in humans.

Embryotoxicity: This product is not reported to produce embryotoxic effects in humans.

Teratogenicity: This product is not reported to cause teratogenic effects in humans.

Reproductive Toxicity: This product is not reported to cause reproductive effects in humans

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*A mutagen is a chemical which causes permanent changes to genetic material (DNA) such that the changes will propagate through generational lines. An embryotoxin is a chemical which causes damage to a developing embryo (i.e. within the first eight weeks of pregnancy in humans), but the damage does not propagate across generational lines. A teratogen is a chemical which causes damage to a developing fetus, but the damage does not propagate across generational lines. A reproductive toxin is any substance which interferes in any way with the reproductive process.*

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**11.6 BIOLOGICAL EXPOSURE INDICES:** Currently there are no Biological Exposure Indices (BEIs) associated with the components of this product.

**11.7 MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** Skin disorders can be aggravated by over-exposure to this product. Inhalation of this products mists may aggravate respiratory conditions.

**11.8 RECCOMENTATIONS TO PHYSICIANS:** Treat symptoms and eliminate over exposure to the product.

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## 12.0 ECOLOGICAL INFORMATION

ALL WORK PRACTICES MUST BE AIMED AT ELIMINATING ENVIRONMENTAL CONTAMINATION.  
No ecological information available.

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## 13.0 DISPOSAL CONSIDERATIONS

**13.1 PREPARING WASTES FOR DISPOSAL:** Waste disposal must be in accordance with appropriate Federal, State, and local regulations. This product, if unaltered by use, may be disposed of by treatment at a permitted facility or as advised by your local hazardous waste regulatory authority.

**13.2 EPA WASTE NUMBER:** NA

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## 14.0 TRANSPORT INFORMATION

Department of Transportation: Liquid Latex, Not regulated  
IATA: Liquid Latex, Not regulated  
IMDG: Liquid Latex, Not regulated  
TDG: Liquid Latex, Not regulated

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## 15.0 REGULATORY INFORMATION

**15.1 OCCUPATIONAL SAFETY AND HEALTH ACT (OSHA):** This Safety Data Sheet (SDS) has been prepared in compliance with the federal OSHA Hazard Communication Standard 29 CFR 1910.1200.

**15.2 SARA REPORTING REQUIREMENTS:**

EPA SARA Title III Section 311/312 (40 CFR 370) Hazard Classification:

EPA SARA Title III Section 313 (40 CFR 372) Components above 'de minimus' level: SARA Threshold Planning Quantity: Not applicable.

TSCA INVENTORY STATUS: The components of this product are listed on the TSCA Inventory.

CERCLA REPORTABLE QUANTITY (RQ): None

OTHER FEDERAL REGULATIONS: Not applicable.

STATE REGULATORY INFORMATION: Components of this product are covered under specific State regulations, as denoted below:

**15.3 New Jersey Right-to-know:** The following is required composition information: Not Listed

Pennsylvania Right-to-know: The following is required composition information: Not Listed

**15.4 CALIFORNIA PROPOSITION 65:** The below list of compounds is known to the State of California to cause cancer, birth defects or other reproductive harm: Not Listed

**15.4 WHMIS SYMBOLS:** none

REACH: All components of this blend including the proprietary component listed in Section 2 are pre-registered under the REACH regulations. The components with CAS / EC numbers can be found at <http://apps.echa.europa.eu/preregistered/pre-registered-sub.aspx> using either the CAS number or the EC number

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## 16.0 OTHER INFORMATION

Disclaimer: The information and recommendations contained herein are, to the best of Sundeck Products knowledge and belief, accurate and reliable as of the date issued. Sundeck Products does not warrant or guarantee their accuracy or reliability, and Sundeck Products shall not be liable for any loss or damage arising out of their use thereof. The information and recommendations are offered for the users' consideration and examination, and it is the users' responsibility to satisfy itself that they are suitable and complete for its particular use.