SAFETY DATA SHEET

1. COMPANY AND PRODUCT INFORMATION

Product Name: **Sundek Suncoat**

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

GHS Pictograms:

GHS Class: Eye Irritant, Category 2
Skin Irritant, Category 2

Hazard Statements: Causes eye irritation
Causes skin irritation

Precautionary Statements: Wash hands thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/face protection.
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.
IF ON SKIN: Wash with plenty of soap and water.
If skin irritation or rash occurs: Get medical advice/attention.
Wash contaminated clothing before reuse.

Emergency Overview: WARNING! Irritant.

Route of Exposure: Eyes. Skin. Inhalation. Ingestion.

Potential Health Effects:

Eye: May cause irritation.

Skin: May cause irritation.

Inhalation: Prolonged or excessive inhalation may cause respiratory tract irritation.

Ingestion: Ingestion can cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Target Organs: Eyes. Skin. Respiratory system. Digestive system.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	*CAS#*	*Ingredient Percent*	*EC Num.*
Titanium Oxide	13463-67-7	10 - 30 by weight	
Water	7732-18-5	10 - 30 by weight	
Modified acrylic polymer(s)	No Data	1 - 5 by weight	
Crystaline Silica (Quartz)	14808-60-7	10 – 30 by weight	
Anhydrous aluminum silicate (Calcined kaolin)	66402-68-4	1 - 5 by weight	
Calcium carbonate	1317-65-3	5 – 10 by weight	
Acrylic polymer	No Data	10 – 30 by weigh	

4. FIRST-AID MEASURES

Eye Contact:	Immediately flush eyes with plenty of water for at least 15 to 20 minutes. Ensure adequate flushing of the eyes by separating the eyelids with fingers. Get immediate medical attention.
Skin Contact:	Immediately wash skin with plenty of soap and water for 15 to 20 minutes, while removing contaminated clothing and shoes. Get medical attention if irritation develops or persists.
Inhalation:	If inhaled, remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.
Ingestion:	If swallowed, do NOT induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.
Other First Aid:	First Responders should provide for their own safety prior to rendering assistance.

5. FIRE-FIGHTING MEASURES

Flash Point:	Not determined.
Auto Ignition Temperature:	Not determined.
Lower Flammable/Explosive Limit:	Not determined.
Upper Flammable/Explosive Limit:	Not determined.

Fire Fighting Instructions:	Evacuate area of unprotected personnel. Use cold water spray to cool fire exposed containers to minimize risk of rupture. Do not enter confined fire space without full protective gear. If possible, contain fire run-off water.
Extinguish Media:	Use dry chemical or foam when fighting fires involving this material. Water mist may be used to cool closed containers.
Protective Equipment:	As in any fire, wear Self-Contained Breathing Apparatus (SCBA), MSHA/NIOSH (approved or equivalent) and full protective gear
Unusual Fire Hazards:	Material may spatter above 100 °C/212 °F.

NFPA Ratings:	
NFPA Health:	1
NFPA Flammability:	1
NFPA Reactivity:	0

6. ACCIDENTAL RELEASE MEASURES

Personnel Precautions:	Evacuate area and keep unnecessary and unprotected personnel from entering the spill area.
Environmental Precautions:	Avoid runoff into storm sewers, ditches, and waterways.
Methods for containment:	Contain spills with an inert absorbent material such as soil, sand or oil dry.
Methods for cleanup:	Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container. Provide ventilation. Clean up spills immediately observing precautions in the protective equipment section.

7. HANDLING AND STORAGE

Handling:	Use with adequate ventilation. Avoid breathing vapor, aerosol or mist.
Storage:	Store in a cool, dry, well ventilated area away from sources of heat and incompatible materials. Keep container tightly closed when not in use. Store away from direct heat or sunlight, sources of UV radiation, peroxides, or free radicals. Do not store in temperatures above 120 °F or below 48 °F. Keep away from direct sunlight.
Work Practices:	Handle in accordance with good industrial hygiene and safety practices.
Hygiene Practices:	Wash thoroughly after handling.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION – EXPOSURE GUIDELINES

Engineering Controls:	Use appropriate engineering control such as process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Good general ventilation should be sufficient to control airborne levels. Where such systems are not effective wear suitable personal protective equipment, which performs satisfactorily and meets OSHA or other recognized standards. Consult with local procedures for selection, training, inspection and maintenance of the personal protective equipment.
Eye/Face Protection:	Wear appropriate protective glasses or splash goggles as described by 29 CFR 1910.133, OSHA eye and face protection regulation, or the European standard EN 166.

Skin Protection Description:	Wear appropriate protective gloves and other protective apparel to prevent skin contact. Consult manufacturer's data for permeability data.
Hand Protection Description:	Nitrile rubber or natural rubber gloves are recommended.
Respiratory Protection:	A NIOSH approved air-purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.
Other Protective:	Facilities storing or utilizing this material should be equipped with an eyewash and a deluge shower safety station.
PPE Pictograms:	

EXPOSURE GUIDELINES

Titanium Oxide :

Guideline ACGIH:	TLV-TWA: 10 mg/m3

Crystaline silica (Quartz):

Guideline ACGIH:	TLV-TWA: 0.025 mg/m3 Respirable fraction (R)
Notes:	Only established PEL and TLV values for the ingredients are listed.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State Appearance:	Liquid.
Odor:	Slight
Boiling Point:	Not determined.
Melting Point:	0°C (32°F)
Specific Gravity:	> 1
Solubility:	Miscible in water
Vapor Density:	Not determined.
Vapor Pressure:	Not determined.
Percent Volatile:	Data not available.
Evaporation Rate:	Not determined.
pH:	7.5 - 10
Flash Point:	Not determined.
Auto Ignition Temperature:	Not determined.

10. STABILITY AND REACTIVITY

Chemical Stability:	Stable under recommended handling and storage conditions.
Hazardous Polymerization:	Does not occur.
Conditions to Avoid:	Heat, flames, ignition sources and sparks. Incompatible materials. Freezing or temperatures below 32 deg. F.
Incompatible Materials:	Water reactive materials.
Special decomposition products:	Thermal decomposition can lead to release irritant fumes and toxic gases.

11. TOXICOLOGICAL INFORMATION

Titanium Oxide :

RTECS Number: XR2275000

Inhalation: Inhalation - Rat TCLo - Lowest published toxic concentration : 1 mg/kg [Lungs, Thorax, or Respiration – Other changes Biochemical – Metabolism (intermediary) Effect on inflammation or mediation of inflammation (RTECS)

Ingestion: Oral – Rat TDLo – Lowest published toxic dose: 60 gm/kg (Gastrointestinal – Hypermotility, diarrhea Gastrointestinal – Other changes) (RTECS)

Crystaline Silica (Quartz):

RTECS Number: W7330000

Inhalation: Inhalation – RatTCLo – Lowest published toxic concentration: 248 mg/m3/6H [Lungs, Thorax, or Respiration - Other changes Biochemical - Metabolism (intermediary) - Other proteins Biochemical - Metabolism (intermediary) - Effect on inflammation or mediation of inflammation] Inhalation - Rat TCLo - Lowest published toxic concentration : 248 mg/m3/6H [Lungs, Thorax, or Respiration - Changes in lung weight Immunological Including Allergic - Increase in cellular immune response Biochemical - Metabolism (intermediary) - Effect on inflammation or mediation of inflammation]
Inhalation - Rat TCLo - Lowest published toxic concentration : 200 mg/kg [Lungs, Thorax, or Respiration - Fibrosis, focal (pneumoconiosis) Lungs, Thorax, or Respiration - Other changes Nutritional and Gross Metabolic - Changes in iron]
Inhalation - Mouse TCLo - Lowest published toxic concentration : 40 mg/kg [Lungs, Thorax, or Respiration - Other changes]
Inhalation - Mouse TCLo - Lowest published toxic concentration : 40 mg/kg [Immunological Including Allergic Decrease in cellular immune response]
Inhalation - Rat TCLo - Lowest published toxic concentration : 1 mg/kg (RTECS)

Ingestion: Oral - Rat TDLo - Lowest published toxic dose : 120 gm/kg [Gastrointestinal - Hypermotility, diarrhea Gastrointestinal – Other changes] (RTECS)

Calcium carbonate:

RTECS Number: EV9580000

Inhalation: Inhalation - Rat TCLo - Lowest published toxic concentration : 250 mg/m3/2H/24W (Intermittent) [Lungs, Thorax, or Respiration -Fibrosis, focal (pneumoconiosis)]
Inhalation - Rat TCLo - Lowest published toxic concentration : 84 mg/m3/4H/40W (Intermittent) [Lungs, Thorax, or Respiration -Fibrosis (interstitial) Liver - Other changes Kidney/Ureter/Bladder - Other changes] (RTECS)

12. ECOLOGICAL INFORMATION

Ecotoxicity: No ecotoxicity data was found for the product.

Environmental Fate: No environmental information found for this product.

13. DISPOSAL CONSIDERATIONS

Waste Disposal: Dispose of in accordance with Local, State, Federal and Provincial regulations.

14. TRANSPORT INFORMATION

DOT Shipping Name:	Non regulated.
DOT Hazard Class:	Non regulated.
IATA Shipping Name:	Non regulated.
IMDG UN Number :	Non regulated

15. REGULATORY INFORMATION

SARA:	This product contains chemicals which are subject to the reporting requirements of the Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III (40CFR, Part 372).
California PROP 65:	The following statement(s) are provided under the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): WARNING! This product contains a chemical known to the State of California to cause cancer.
Canada WHMIS:	Xi – Irritant
EU Class:	Irritant. In accordance to Regulation (EC) No 1272/2008 on the classification, labelling and packaging of substances and mixtures
Risk Phrases:	R36/37/38 - Irritating to eyes, respiratory system and skin.
Safety Phrase:	S23 - Do not breathe gas/fumes/vapour/spray. S37 - Wear suitable gloves.

Titanium Oxide :

TSCA Inventory Status:	Listed
Canada DSL:	Listed

Crystaline silica (Quartz):

TSCA Inventory Status:	Listed
Canda DSL:	Listed

Anhydrous aluminum silicate (Calcined kaolin):

TSCA Inventory Status:	Listed
Canada DSL:	Listed

Calcium carbonate:

TSCA Inventory Status:	Listed

16. OTHER INFORMATION

HMIS Health Hazard:	1
HMIS Fire Hazard:	1
HMIS Reactivity:	0
HMIS Personal Protection:	X
SDS Creation Date:	July 08, 2013
SDS Revision Date:	May 21, 2015

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