



MATERIAL SAFETY DATA SHEET

PRODUCT DERMA SHIELD PLUS

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I. Chemical Product and Company Identification

Product: 25040/25045
Synonyms: Skin Protectant

II. Composition, Information or Ingredients

The exact percentages for components of this product constitute a trade secret. Although the below listed chemicals can be considered to be hazardous in their pure concentrated state, in the low concentrations found in the product, they do not pose a serious threat to users. Testing has shown that the product is not a primary dermal or ocular irritant, and is not orally toxic. Many of the substances having various effects are natural components of common foods and are not known to be harmful in normal use.

<u>Ingredient</u>	<u>C.A.S. number</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>
ALLANTOIN	97-59-6	NONE	NONE
BENZALKONIUM CHLORIDE	8001-54-5	NONE	NONE
COCONUT FATTY ACID	61788-47-4	NONE	NONE
DIMETHICONE	63148-62-9	NONE	NONE
GLYCERIN	56-81-5	NONE	NONE
ISOPROPYL MYRISTATE	110-27-0	NONE	NONE
POLYVINYLPYRROLIDONE	9003-39-8	NONE	NONE
STEARIC ACID	57-11-4	NONE	NONE
TRICLOSAN	3380-34-5	NONE	NONE
TRIETHANOLAMINE	102-71-6	NONE	NONE

III. Hazard Identification

Route(s) of Entry: INHALATION Not Likely SKIN: None INGESTION: Not Likely

Health Hazards (Acute and Chronic): None Currently Known. When properly applied and allowed to dry, the transfer of DERMASHIELD to anything within its environmental presence is negligible.

Carcinogenicity: NPT? None IARC MONOGRAPH? None OSHA Regulated? No

Signs and Symptoms of Exposure: None

Medical Conditions Generally Aggravated by Exposure: None Known

IV. First Aid Measures

Normally non-irritating. Flush eyes with water for several minutes if contact occurs. Cannot be inhaled unless deliberately attempted. Small amounts could be ingested without undue discomfort. Discontinue use if irritation or discomfort occurs. Seek medical attention if condition persists.

Primary Routes of Exposure: Eye or Skin Contact

Signs and Symptoms of Overexposure: Eyes: The compound may cause minor irritation or cause sensitization.
Skin: The compound was found to be non-irritant to intact and abraded skin.
Swallowing: Considered non-toxic, however, consult with a physician if nausea becomes apparent.

Emergency First-Aid Procedures: Skin: None necessary.
Eyes: Not considered an ocular irritant. If discomfort occurs rinse with water several minutes. Get medical attention if necessary.
Ingestion: Considered non-toxic. Consult physician if nausea occurs.

V. Fire-Fighting Measures

Flash Point °F: Non-flammable (Flash Projection Test)

Special Fire Fighting Procedures: N/A

Unusual Fire & Explosion Hazards: None Known

Extinguishing Media: N/A

Flammability Limits in Air (%V): N/A

VI. Accidental Release Measures

In Case of Spill or Leak: Flush with water, collect with absorbent material, place in waste container for transfer to landfill according to local, state and federal regulations.

VII. Handling and Storage

Respiratory Protection: None Required.

Ventilation: No Special Ventilation Required.

Protective Clothing: None Required.

Eye Protection: None Required.

Handling Instructions: Avoid storing where extreme temperatures, [130°F (54°C) and above, 32°F (0°C) and below] would exist. Keep out of reach of small children.

VIII. Exposure Controls and Personal Protection

Signs and Symptoms of Overexposure: Eyes: The compound did not induce irritation or cause sensitization.
Skin: The compound was found to be non-irritant to intact and abraded skin.
Swallowing: Considered non-toxic, however, consult with a physician if nausea becomes apparent.

IX. Physical and Chemical Properties

Appearance: White Lotion

Odor: Mild Pleasant Odor

Flash Point °F: Non-flammable

Boiling/Melting Point @ 760 mm Hg: 212°F (100° C)

Solubility in Water: Oil-In-Water Emulsion

Vapor Density (Air =1): Not Determined

Specific Gravity @ 25°C: 0.98

Vapor Pressure mm Hg @ 20°C: Not Determined

Evaporation Rate (BuAc=1): Not Determined

PH 7.4

X. Stability and Reactivity

Stability: Stable
Hazardous Decomposition Products Carbon Dioxide or Carbon Monoxide
Hazardous Polymerization Will Not Occur
Chemical Incompatibility Strong Oxidizing Agents

XI. Toxicological Information

Health Hazards (Acute and Chronic): None Currently Known. When properly applied and allowed to dry, the transfer of DERMASHIELD to anything within its environmental presence is negligible.

Carcinogenicity: NPT? None IARC MONOGRAPH? None OCHHA Regulated? No
Signs and Symptoms of Exposure: None
Medical Conditions Generally Aggravated by Exposure: None Known

XII. Ecological Information

None Known

XIII. Disposal considerations

Waste Disposal Method Do not incinerate.

XIV. Transportation Information

D.O.T PROPER SHIPPING NAME (49 CFR 172.101-102) - N/A
HAZARDOUS SUBSTANCE (49 CFR CERCLA List) - N/A
REPORTABLE QUANTITY (RQ) - N/A
D.O.T HAZARD CLASSIFICATION (40 CFR 172.101-102) -
PRIMARY - None
SECONDARY - (IATA FORMAT) None
D.O.T LABELS REQUIRED (40 CFR 172.101-102) - None
D.O.T PLACARDS REQUIRED (49 CFR 172.504) - None
POISON CONSTITUENT (49 CFR 172.504) None

XV. Regulatory Information

FEDERAL EPA

Comprehensive Environmental Response Compensation, and Liability Act of 1980 (CERCLA) requires notification of the National Response Center of release of quantities of Hazardous Substances equal to or greater than the reportable quantities (RQ=s) in 40 CFR 302.4.

Components present in this product at a level which could required reporting under the statute are:
****NONE****

Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III, requires emergency planning based on Threshold Planning Quantities (TPQ=s) and release reporting based on Reportable Quantities (RQ=s) in 40 CFR 355 (used for SARA 302, 302, 311 and 312).

Components present in this product at a level which could required reporting under the statute are:
****NONE****

Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III, requires submission of annual reports of release of toxic chemicals that appear in 40 CFR 372 (for SARA 313). This information must be included in all MSD=s that are copies and distributed for this materials.

Components present in this product at a level which could required reporting under the statute are:
****NONE****

Tox Substances control Act (TSCA) Status:

The ingredients of this product are on the TSCA inventory.

State Right-to-Know

California Proposition 65

This contains no levels of listed substances, which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute.

Massachusetts Right-To-Know

Substance List (MSL) Hazardous Substances and Extraordinarily Hazardous substances on the MSL must be identified when present in products.

Components present in this product at a level which could required reporting under the statute are:
****NONE****

Pennsylvania Right-To-Know

Hazardous Substance List Hazardous Substances and Special Hazardous Substances on the List must be identified when present in products.

Components present in this product at a level which could required reporting under the statute are:
****NONE****

California SCAQMD Rule 443.1 VOC=S:

Volatiles = substances with a vapor pressure of 0.5mmHg at 104 C (219.2F).

This product contains: 93.84 g/liter VOC=S

XVI. Other Information

N/A -- Not Applicable
NTP -- National Toxicology Program
OSHA -- Occupational Safety and Health Administration
IARC -- International Agency for Research on Cancer
ACGIH -- American Conference of Industrial Hygienists
VOC -- Volatile Organic Carbons

NFPA Est.

Health:	0	<u>HMIS Est.</u>	0
Fire:	0	Fire:	0
React:	0	React:	0

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To the best of our knowledge, the information contained herein is accurate. However, Delta Kits Inc. does not assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.