

SAFETY DATA SHEET (SDS)

According to 1907/2006/EC, Article 31



May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

Section I – Identification of the substance/mixture and of the company/undertaking

IDENTITY (As Used on Label and List) SILVERDERM 7 (Item#00550E)		<i>Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.</i>	
Manufacturer's Name DermaRite Industries		Emergency Telephone Number (973) 569-9000	
Address (Number, Street, City, State, and ZIP Code) 7777 West Side Avenue, North Bergen, NJ 07047		Telephone Number for Information (973) 569-9000	

Section II – Hazardous identification

List all hazards regarding the material

CONTAINS SILVER, CAS#7440-22-4 (LISTED AS SILVER COMPOUNDS) WHICH IS CONSIDERED HAZARDOUS UNDER SUBSTANCE PER SECTION 313 HAZARDOUS CHEMICALS OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND CFR PART 372. IN ADDITION THESE COMPOUNDS ARE COND HAZARDOUS THE CRITERIA OF OSHA HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200).

List all required label requirement

Product designation: Wound dressing, Silver plated nylon.

Recommended use and restriction of use

FOR EXTERNAL USE ONLY.

Section III – Composition/Information on Ingredients

Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits	
			Recommended	% (optional)
Chemical			CAS Number	Content
SILVER			7440-22-4	20% W/W
NYLON				80% W/W

Section IV – First aid measures

Signs and Symptoms of Exposure and Required Treatments

HANDLE IN ACORDANCE WITH GOOD INDUSTRIAL HYGIENE AND SAFETY PRACTICES. THESE PRACTICE INCLUDE AVOIDING UNNECESSARY EXPOSURE AND REMOVAL OF THE MATERIAL FROM EYES, SKIN, AND CLOTHING.

Section V – Fire fighting measures

Flash Point (Method Used) NYLON 581° F	Flammable Limits NONE	LEL NONE	UEL NONE
Extinguishing Media Water, CO2, dry chemical;			
Special Fire Fighting Procedures Use self-contained breathing equipment while extinguishing fire			

Unusual Fire and Explosion Hazards **COMBUSTIBLE THERMOPLASTIC MATERIAL AND MAY MELT AND DRIP HEAVY BLACK SMOKE.**

(Reproduce locally)

Original Version; Issued Date: 1/29/15

Section VI – Accidental release measures

Steps to Be Taken in Case Material Is Released or Spilled

AVOID BREATHING DUST.Respiratory Protection (*Specify Type*)**USE NIOSH/MSHA APPROVED RESPIRATORY PROTECTION WHEN AIRBORN LIMITS ARE EXCEEDED.**

Ventilation

PROVIDE NATURAL OR MECHANICAL VENTILATION TO CONTROL EXPOSURE LEVELS BELOW AIRBORN LIMITS.

No	No	No
Protective Gloves		Protective Gloves
Normal work clothes		Normal work clothes
Other Protective Clothing or Equipment		
Normal working conditions		
Work/Hygienic Practices		

Section VII– Handling and Storage

Precautions to Be Taken in Handling and Storing

Do not ingest. Keep away from heat, sparks or flames. Storage in cool, dry place.

Incompatibilities

MATERIALS TO AVOID: NONE.**Section VIII – Exposure controls/personal protection**

OSHA's Permissible Exposure Limits (PELs)

SILVERDERM 7 PRODUCT (OSHA PEL)→ NONE; SILVER 20%W/W (OSHA PEL): PEL/8-HR, TIME-WEIGHT AVE: 0.01 PPM (FUME&DUST); NYLON 80%W/W MEDICAL GRADE: PEL/8-HR, TIME-WEIGHT AVE: 15 PPM (FUME&DUST)

Threshold limit values (TLVs)

SILVERDERM 7 PRODUCT (ACGTH TLV)→ NONE; SILVER 20%W/W ACGIH TLV/8-HR, TIME-WEIGHT AVE: 0.02 PPM (FUME&DUST); NYLON 80%W/W ACGIH TLV/8-HR, TIME-WEIGHT AVE: 10 PPM (FUME&DUST);

Appropriate engineering controls

NONE

Personal protective equipment (PPE)

NONE**Section IX – Physical and chemical properties**

		Specific Gravity (H ₂ O = 1)	N/A
Boiling Point	N/A	Melting Point	N/A
Vapor Density (AIR = 1) At 20°C	N/A	Evaporation Rate (Butyl Acetate = 1)	N/A
Solubility in Water Insoluble			
Appearance and Odor A SOLID COATED FABRIC, ODORLESS			

Section X – Stability and Reactivity Data

Stability	Unstable	Conditions to Avoid	
	Stable	AVOID HEAT, SPARKS AND OPEN FLAMES.	
	X		
Incompatibility (<i>Materials to Avoid</i>)	SILVER: HYDROGEN PEROXIDE DECOMPOSES VIOLENTLY ON CONTACT. ACETYLENE FORMS EXPLOSIVE ACETYLIDE. AMMONIA FORMS FUME LIKE EXPLOSIVE COMPUND.		
Hazardous Decomposition or Byproducts	NYLON: ABOVE 660°F→ CO, CO₂, HCN, NO+ AND SOOT MAY OCCUR;SILVER: ABOVE MELTING PT FUMES OF SILVER MAY OCCUR.		
Hazardous Polymerization	May Occur		
	Will Not Occur	X	

Section XI – Toxicological Information

Route(s) of Entry:	Inhalation? YES	Skin? YES	Ingestion? NO
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Health Hazards (*Acute and Chronic*)
OCCUPATIONAL EXPOSURE TO SILVADERM 7 HAS NOT BEEN REPORTED TO CAUSE SIGNIFICANT ADVERSE HEALTH EFFECTS. DUE TO ITS CHEMICAL AND PHYSICAL PROPERTIES, SILVADERM 7 FABRICS DO NOT APPEAR TO POSSESS ANY TOXICOLOGICAL PROPERTIES WHICH WOULD REQUIRE HANDLING OTHER THAN GOOD INDUSTRIAL HYGINE AND SAFETY PRACTICES EMPLOYED FOR MATERIAL OF THIS TYPE.

Carcinogenicity: NONE ANTICIPATED	NTP? NO	IARC Monographs? NO	OSHA Regulated? SILVER-:YES
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Signs and Symptoms of Exposure
NONE ANTICIPATED

Medical Conditions Generally Aggravated by Exposure **EXCESSIVE ABSORPTION AND ACCUMULATION OF SILVER IN THE BODY CAN CAUSE ARGYRIA (BLUISH DISCOLORATION OF THE SKIN, MUCOUS MEMBRANE AND EYES).**

Emergency and first aid procedures
IN CASE OF SKIN IRRITATION, DISCONTINUE CONTACT AND WASH AREA WITH WATER.

Section XII – Ecological Information

Not available

Section XIII – Disposal Consideration

Waste Disposal Method
Silverderm 7 silver coated fabric is not a hazardous waste as that term is defined in 40CFR 261. The product can be disposed of according to relevant national or local regulations pertaining to the disposal of non-hazardous waste.
No special requirement.

Section XIV– Transport Information

No special precautions

Section XV– Regulatory Information

Not available

Section XVI – Other Information

Not applicable.

Date Prepared
1/29/2015
Signature of Preparer (*optional*)

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