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## Section 1 – Chemical Property and Company Identification

**SDS Name:** FreeDerm Pump Spray & Ampoule

**Company Identification:** BioDerm, Inc.  
12320 73<sup>rd</sup> Court N  
Largo, FL 33773

**For Information, call:** (727) 507-7655

**Emergency Number:** (727) 507-7655

**Product Use:** Medical adhesive remover

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## Section 2 – Hazards Identification

**Specific Physical Form:** Clear, odorless liquid in a pump spray bottle 1 oz, 3oz, and 1 mL ampoules.

**Immediate, Physical, and Environmental Hazards:** Flammable solid that emits highly flammable vapors. *Do not use in presence of an open flame or spark, static electricity, or in oxygen-enriched conditions. Do not smoke in presence of the FreeDerm pump spray or ampoules.*

**Hazards Classification (Estimated) GHS Classification:**

Danger



Fire= 2

(Liquid and Vapors are Highly Flammable, H225)

Health= 4

(Slight)

Reactivity= 0

(Insignificant)

Personal protection – none needed

### Potential Health Effects

**Eye:** May cause eye irritation with corneal contact.

**Skin:** May cause skin irritation in sensitive individuals. Discontinue use if redness or irritation occurs.

**Ingestion:** Low risk of harm.

**Inhalation:** Low risk of harm.

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## Section 3 – Composition, Information on Ingredients

Ingredient	%	CAS #
Siloxanes, Silicones	100%	Trade Secret

All ingredients are cosmetic grade and meet the requirements of ISO-10993-12009 “Biological Evaluation of Medical Devices”.

FreeDerm is not made with natural rubber latex and is phthalate-free.

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#### Section 4 – First Aid Measures

**Eyes:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical aid.

**Skin:** No need for first aid is anticipated.

**Ingestion:** Potential for gastrointestinal irritation and aspiration if ingested. Get medical aid immediately. Do not induce vomiting unless directed to do so by medical personnel.

**Inhalation:** Provide fresh air.

**Notice to Physicians:** Treat symptomatically and supportively.

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#### Section 5 – Fire Fighting Measures

**Flash point:** -1°C (30°F)

**OSHA:** Class IB Flammable Liquid

**Extinguishing media:** Water foam or fog, dry chemical, or carbon dioxide

**Protective Equipment:** Very large fires may require full protective equipment including self-contained breathing apparatus (SCBA).

**Unusual Fire and Explosion Hazards:** High flammable, flash point of -1°C (30°).

Vapors may travel along low points to source of ignition and flash back.

Explosion Limits – Lower 1%, Upper 6 %

Flammable Limits – Lower 1%, Upper 38%

Containers may pressurize, rupture and explode in a fire; spraying water may keep containers cool.

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#### Section 6 – Accidental Release Measures

Ventilate the area with fresh air. If material is released in bulk, collect as much material as possible using non-sparking tools. Clean up residue with absorbent material, place in a steel can, and seal. Dispose of collected material as soon as possible according to local, state, and federal regulations.

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#### Section 7 – Handling and Storage

**Storage:** *Keep away from sources of ignition such as sparks, open flame, static electricity, and pilot lights. Do not smoke in presence of the FreeDerm pump spray or ampoules. Keep from contact with oxidizing materials.*

Store according to facility requirements for containers of Class IB flammable liquids. Store in a cool, dry, well-ventilated area. Keep out of the reach of children. Product should be discarded after the expiration date indicated on the label.

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## Section 8 – Exposure Controls, Personal Protection

**Engineering Controls:** Not applicable.

**Personal Protective Equipment:** None required.

**Eyes:** Avoid eye contact. Avoid spraying in direction of eyes.

**Skin:** Not applicable.

**Respiratory Protection:** Not required under normal conditions. Avoid breathing mist or extended breathing of vapors.

**Swallowing:** Do not ingest.

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## Section 9 – Physical and Chemical Properties

**Physical State:** Liquid

**Appearance:** colorless, transparent

**Odor:** odorless

**pH:** neutral

**Vapor Pressure:** 35 mm Hg @ 25°C (77°F)

**Vapor Density:** 5.6 (air=1)

**Evaporation Rate:** >1 (butyl acetate=1)

**Boiling Point:** > 100°C (212°F) @ 760 mm Hg

**Freezing/ melting point:** -68°C (-90.4°F)

**Decomposition Temperature:** Not available.

**Solubility:** Not soluble (<1 ppm)

**Specific Gravity/ Density:** 0.76 g/cm<sup>3</sup>

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## Section 10 – Stability and Reactivity

**Chemical Stability:** Stable

**Conditions to Avoid:** Ignition sources, excess heat, electrical sparks, static electricity, confined or oxygen-enriched environments.

**Incompatibilities with Other Materials:** Strong oxidizing agents, strong acids, strong bases.

**Hazardous Decomposition Products:** None known.

**Hazardous Polymerization:** Will not occur.

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## Section 11 – Toxicological Information

FreeDerm has been tested according to ISO-10993 for use on intact skin and meets all requirements. FreeDerm is negative with respect to cytotoxicity. Irritation and sensitization potential are not significant. Discontinue use if redness or irritation occurs.

**Carcinogenicity:** No components are listed under CA Prop 65.

## Section 12 – Ecological Information

May temporarily accumulate in the environment.

Acute Aquatic Toxicity (Category 1), H400

Chronic Aquatic Toxicity (Category 1), H410

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## Section 13 – Disposal Considerations

Used product should be disposed of as any similar type of medical waste.

Bulk disposal if required should be through a permitted hazardous waste incinerator.

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## Section 14 – Transport Information

Ship as a consumer commodity, ORM-D.

Additional Transport information:

UN Number – 1993 Flammable liquid N.O.S.

UN Class - 3

UN Packing Group - II

Marine Pollutant - Not listed Marine, see section 12.

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## Section 15 – Regulatory Information

None of the chemicals in this product are listed under California Prop 65. None of the chemicals are on state right to know lists from CA, PA, MN, MA, FL, or NJ.

**Chemical Inventories:** None of the chemicals are listed under TSCA Section 12b.

**OSHA:** None of the chemicals in this product are considered highly hazardous by OSHA.

**Additional US Federal and State Regulations:** Not normally required for use as directed. Contact BioDerm for further information if required.

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## Section 16 - Other Information

### HMIS Rating

Health Hazard: 0

Flammability: 3

Physical Hazard: 0

### NFPA Rating

Health Hazard: 0

Fire Hazard: 3

Reactivity Hazard: 0