

## MATERIAL SAFETY DATA SHEET



- 1. Product** Clinifilm Spray  
**2. Category** Skin Protective Film  
**3. Presentation** 50mL Aerosol spray

### **4. Description**

Clinifilm spray specially designed to shield skin from the harmful effects of bodily fluids and solids. Clinifilm's advanced soothing silicone technology delivers gentle and effective protection. It's ideal for use in stoma care, wound care and continence care or whenever the skin's at risk of fluid damage.

### **5. Hazards Identification**

<u>Hazardous Components</u>	<u>CAS Number</u>	<u>Type of Hazard</u>
Hexamethyldisiloxane	107-46-0	Flammable
Dexamethylcyclopentasiloxane	541-02-06	Flammable
Trimethylsiloxysilicate	562-01-5	Flammable

### **6. Ingredients**

Hexamethyldisiloxane, Dexamethylcyclopentasiloxane, Trimethylsiloxysilicate, Nitrogen

### **7. First Aid Measures**

Eye/Skin Contact: In case of contact with eyes, immediately flush with water. Consult a physician.  
In case of skin irritation, discontinue contact and flush skin with water.

### **8. Fire Fighting Measures**

Extinguishing materials:	Water, Foam, Carbon Dioxide, Dry Chemical.
Protection of Firefighters:	Wear self-contained breathing apparatus and protective clothing.
Hazards from Combustion:	Incomplete burning can produce carbon monoxide and/or carbon dioxide and hazardous gases.
Precautions:	Remove containers from path of fire. Heating can cause expansion and rupture of containers. Keep containers cool with water.

### **9. Handling and storage**

Keep out of the reach of children. Use with adequate ventilation. Do not store where temperatures may exceed 50°C. Do not puncture or burn, even when empty. Observe local aerosol disposal regulations.

Transport: Clinifilm is classified as for transportation under Dangerous Goods UN 1950 2.1 "Limited quantity" being under 1L

### **10. Disposal Considerations**

Dispose of in accordance with National, Local and applicable country regulations for aerosols.

### **11. Physical and Chemical Properties**

Appearance:	Clear liquid
Odour:	Slight
Boiling point:	100°C. (based on Hexamethyldisiloxane)
Melting point:	-68°C. (based on Hexamethyldisiloxane)
Flashpoint:	-3°C. (based on Hexamethyldisiloxane)
Explosive properties:	not determined

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Vapors pressure: 42,2 mmHg at 20°C. (based on Hexamethyldisiloxane)  
Relative density: 0,7 g/ml  
Solubility: Insoluble in water.

## 12. Stability and Reactivity Chemical Stability

Stable Conditions to Avoid: Avoid storage of containers in areas of elevated temperatures (above 50°C).  
Incompatible Materials: Avoid contact with oxidizing and reducing agents.  
Hazardous Decomposition Products: Silicon dioxide, carbon dioxide and carbon monoxide.  
Possibility of Hazardous Reactions: None will occur.

## 13. Toxicological Information: Acute toxicity

None known Local effects: Excessive exposure may affect human health as follows.  
Skin contact: Repeated or prolonged contact may cause defatting of skin leading to dermatitis  
Eye contact: Slightly irritating Inhalation/ingestion: May cause dizziness, drowsiness, confusion, headaches.

Lethal dose/concentration values:

Component	LD50 Oral	LD50 Dermal	LC Inhalation
Hexamethyldisiloxane	>5000mg Kg <sup>-1</sup> (rat)	16mL kg <sup>-1</sup> (rabbit)	15,956 ppm 4h (rat)

## 14. Exposure controls / Personal Protection

Eye/Face Protection:	Not applicable
Skin & Body Protection:	Not applicable
Respiratory Protection:	Not applicable
Hygiene Measures:	Handle in accordance with good industrial hygiene and safety practice

## 15. Ecological Information

Volatile siloxanes rapidly evaporate into the atmosphere, where they degrade. They do not persist in water or soil. No acute fish toxicity (96h) is predicted. May cause long term effects in the aquatic environment.

## 16. Regulatory Information

The Medical device is classified as class I according to MDD 93/42 EEC.

**Note:** This Material Safety Data Sheet contains information offered as a guide to the handling and use of Clinifilm Spray, and has been prepared in good faith with information believed to be correct as of the effective dated listed

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