

HOLSTR

HC # 04
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MATERIAL SAFETY DATA SHEET

Hollister Incorporated
Emergency Telephone Number

2000 Hollister Dr.
(847)680-5625

Libertyville, IL 60048-3748
Prepared By: Anne Riba

PRODUCT NAME: Hollister™ Medical Adhesive Spray (3.2oz/90g Aerosol Cans) Page 1 of 4

Effective Date: 10/24/2002

Date Printed: 10/24/2002

Product Code: 7730

HAZARDOUS CHEMICAL NAME: Aerosol of polysiloxane in hexamethyldisiloxane

1. **Hazardous Ingredients:**

<u>Hazardous Component</u>	<u>CAS #</u>	<u>%</u>	<u>Type of Hazard</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
1,1-Difluoroethane	75-37-6	39.9	Flammable ¹	None es- tablished	None es- tablished
Hexamethyldisiloxane	107-46-0	32.4	Health	None es- tablished	None es- tablished

2. **Physical Data:**

Boiling Point: -25°C (-13°F) at 760 mm Hg - as difluoroethane
Vapor Press: 42.2 mm Hg at 25°C - as difluoroethane
Vapor Density: 2.4 (heavier than air) - as difluoroethane
Solubility in Water: Very slightly soluble
Specific Gravity: 0.90 at 25°C - as difluoroethane
Appearance: Viscous translucent adhesive spray
Odor: Solvent odor

3. **Fire and Explosion Hazard Data:** The total product is a flammable aerosol. Values reported below are based on the most volatile component, 1,1-difluoroethane.

Flash Point: Less than -50°C - as difluoroethane

Flammability Limits

LFL: 3.9% - as difluoroethane **UFL:** 16.9% - as difluoroethane

Autoignition: 454°C - as difluoroethane

Extinguishing Media: Dry chemical, foam, carbon dioxide

I- 314398
C- 7730
ORM-D

DMF I- 037106
C- 7730
ORM-D

¹ See Section 3, Fire and Explosion Hazard Data

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3. **Fire and Explosion Hazard Data:(cont.)**

Fire & Explosion Hazards: At elevated temperatures (over 120°F) containers may vent, rupture, or burst.

Special Fire-Fighting Procedures: Keep containers cool. Use shielding to protect personnel against bursting, rupturing, or venting containers.

4. **Reactivity Data:**

Stability (Conditions to Avoid): Avoid storage of containers in areas of elevated temperatures (above 120°F).

Incompatibility (Specific Materials to Avoid): Avoid contact with oxidizing and reducing agents.

Hazardous Decomposition Products: Silicon dioxide, hydrogen fluoride, carbon dioxide, carbon monoxide, formaldehyde.

Hazardous Polymerization: None will occur.

5. **Environmental and Disposal Information:**

Action to Take for Spills/Leaks: Provide adequate ventilation.

Disposal Method: Do not puncture or incinerate containers. Give to a disposal service equipped to handle and dispose of pressurized containers. Dispose in accordance with all federal, state and local regulations regarding waste disposal.

6. **Health Hazard Data:**

Signs/Symptoms of Overexposure: May cause eye irritation. Repeated or prolonged (24 to 48 hours) exposure to skin without allowing evaporation of solvent may cause irritation. Excessive inhalation may cause respiratory irritation, dizziness, nausea, headaches, and possible unconsciousness.

Medical Conditions Generally Aggravated by Exposure None known.

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6. **Health Hazard Data:(cont.)**

Carcinogen Status: Contains no known carcinogens or materials under investigation as potential carcinogens.

Primary Route(s) of Entry: Eye/skin contact.

7. **Emergency/First Aid Procedures:**

Eye/Skin Contact: In case of contact with eyes, immediately flush with plenty of water. **DO NOT APPLY SOLVENT!** Immediately consult a physician. In case of skin irritation, discontinue use of product. Rinse area with water.

Excessive Inhalation: For excessive inhalation, provide fresh air. Consult a physician. Administration of epinephrine or similar drugs may adversely affect the heart.

8. **Handling Precautions:**

Exposure Guideline(s): None established for the mixture.

Ventilation: Provide adequate ventilation.

Respiratory Protection: None anticipated.

Skin Protection: None anticipated.

Eye Protection: Splash-proof glasses should be worn.

9. **Special Precautions:**

Special Precautions to be Taken in Handling and Storage: Avoid contact with eyes. Do not use aerosol spray directly on the body. Use only with adequate ventilation. Do not store where temperature may exceed 120°F.

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10. Transportation Information:

The data provided in this section is for information only. Please apply the appropriate regulations to properly classify your shipment.

U.S. DOT Hazard Class: 2.1

UN Number: 1950

The information contained in this Material Safety Data Sheet (MSDS) is offered as a guide to the handling of this specific material. It has been prepared in good faith by technically knowledgeable personnel and is believed to be correct as of the effective date listed. Hollister Incorporated shall not be held liable for any damages, losses, or injuries of any nature which may result from the use of or reliance upon any information contained in this MSDS.