

SECTION 1 Identification**1.1. Product identifier**

Product form : Substance
Trade name : ADAPT No Sting Medical Adhesive Remover
CAS-No. : 107-46-0
Product code : 7737
Formula : C₆H₁₈OSi₂

1.2. Other means of identification

Synonyms : Disiloxane, hexamethyl- / Oxybis(trimethylsilane) / Silane, oxybis(trimethyl- / Disiloxane, 1,1,1,3,3,3-hexamethyl- / HEXAMETHYLDISILOXANE / Bis(trimethylsilyl) oxide / HMDS / DISILOXANE
Other means of identification : Hexamethyldisiloxane

1.3. Recommended use of the chemical and restrictions on use

Use of the substance/mixture : Medical Adhesive Remover

1.4. Supplier's details

Global corporate headquarters
Hollister Incorporated
2000 Hollister Drive
Libertyville, Illinois 60048
847-680-1000
www.Hollister.com

1.5. Emergency phone number

Emergency number : 847-680-1000

SECTION 2 Hazard Identification

This product is regulated under the Food and Drug Regulations in the United States of America and therefore, is exempt for the requirement to provide an OSHA compliant SDS. In other regions, it may be regulated as a medical device, a cosmetic or not regulated. The non-medical hazard of this product is assessed and a safety data sheet in accordance with OSHA is provided for reference. Labelling of the product is prepared in accordance with Food and Drug Regulations of the United States of America.

2.1. Classification of the substance or mixture**GHS US classification**

Aerosol, Category 1

Extremely flammable aerosol. Pressurized container; may burst if heated.

2.2. Label elements**GHS US labeling**

Hazard pictograms (GHS US)

:



Signal word (GHS US)

: Danger

Hazard statements (GHS US)

: Extremely flammable aerosol
Pressurized container; may burst if heated

ADAPT No Sting Medical Adhesive Remover

Safety Data Sheet

Precautionary statements (GHS US) : OSHA Label elements are not applicable for medical devices used in direct physical contact with the human body. The product is to be labelled according to the requirements of the medical devices regulations.

2.3. Hazards associated with known or reasonably anticipated uses

No additional information available

2.4. Hazards not otherwise classified

Other hazards which do not result in classification : Very toxic to aquatic life with long lasting effects

2.5. Unknown acute toxicity

No additional information available

SECTION 3 Composition/information on ingredients

3.1. Substances

Substance type : Mono-constituent

Name	Product identifier	%	GHS US classification
Hexamethyldisiloxane	CAS-No.: 107-46-0	100	Aerosol 1, H222;H229

3.2. Mixtures

Not applicable

SECTION 4 First aid measures

4.1. Description of necessary first-aid measures

First-aid measures after inhalation : If experiencing respiratory symptoms: Remove person to fresh air and keep at rest in a position comfortable for breathing.

First-aid measures after skin contact : Not expected to present a significant hazard under anticipated conditions of normal use. If skin irritation or rash occurs: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Wash skin with plenty of water. Wash skin with plenty of water.

First-aid measures after eye contact : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists. Rinse eyes with water as a precaution.

First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Call a poison center or a doctor if you feel unwell.

4.2. Most important symptoms/effects, acute and delayed

Symptoms/effects : Not expected to present a significant hazard under anticipated conditions of normal use.

Symptoms/effects after inhalation : Overexposure to vapors may result in cough.

Symptoms/effects after eye contact : May cause slight temporary irritation.

4.3. Indication of immediate medical attention and special treatment needed, if necessary

Note to physician : : Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Sand. Water spray. Dry powder. Foam. Carbon dioxide.

ADAPT No Sting Medical Adhesive Remover

Safety Data Sheet

Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Specific hazards arising from the chemical

Fire hazard : Extremely flammable aerosol. On combustion, forms: carbon oxides (CO and CO₂).
Explosion hazard : Pressurized container: may burst if heated.
Hazardous decomposition products in case of fire : Toxic fumes may be released.

5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Emergency procedures : Ventilate spillage area. No open flames, no sparks, and no smoking.

For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

Emergency procedures : Ventilate spillage area. No open flames, no sparks, and no smoking.

Environmental precautions : Avoid release to the environment. Notify authorities if liquid enters sewers or public waters.

6.2. Methods and materials for containment and cleaning up

For containment : Collect spillage.
Methods for cleaning up : Ventilate area. Take precautionary measures against static discharge. Wipe up remaining liquid with absorbent material (for example cloth). Mechanically recover the product.
Other information : Dispose of materials or solid residues at an authorized site.

For further information refer to section 8: "Exposure controls/personal protection", For disposal of residues refer to section 13 : "Disposal considerations", For further information refer to section 13

SECTION 7 Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment. Provide good ventilation in process area to prevent formation of vapor. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use.
Hygiene measures : Do not smoke while handling product. Use good personal hygiene practices. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product.
Additional hazards when processed : Container remains hazardous when empty. Continue to observe all precautions.

7.2. Conditions for safe storage, including incompatibilities

Storage conditions : Do not overheat the product. Keep out of direct sunlight. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F. Store in a well-ventilated place. Keep cool.
Incompatible materials : Oxidizing materials. Reducing agents.
Specific end uses : For further information see section 1.

ADAPT No Sting Medical Adhesive Remover

Safety Data Sheet

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

Monitoring methods

Monitoring methods	No additional information available.
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8.2. Appropriate engineering controls

Appropriate engineering controls	: Good standard of general ventilation.
Environmental exposure controls	: Avoid release to the environment. Notify authorities if liquid enters sewers or public waters.

8.3. Individual protection measures, such as personal protective equipment

Personal protective equipment:

Not required for normal conditions of use. Normal use of this product shall imply use in accordance with the instructions on the packaging.

Hand protection:

Wear suitable gloves tested to ISO 374-1

Eye protection:

If there is a risk of eye contact: Use eye protection according to ISO 16321-1.

Skin and body protection:

Long sleeved protective clothing.

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment.

Other information:

Do not smoke while handling product.

SECTION 9 Physical and chemical properties

9.1. Basic physical and chemical properties

Physical state	: Liquid
Appearance	: Aerosol.
Color	: Colourless
Odor	: characteristic
Odor threshold	: No data available
pH	: No data available
Melting point	: -59 °C
Freezing point	: No data available
Boiling point	: 1001 °C
Flash point	: -8 °C
Flammability (solid, gas)	: Extremely flammable aerosol.
Vapor pressure	: 20 hPa (20 °C)
Vapor pressure at 50°C	: 175 hPa
Relative vapor density at 20°C	: No data available
Relative density	: No data available
Density	: 0.76 g/cm ³
Molecular mass	: 162.37 g/mol
Solubility	: Insoluble.
Partition coefficient n-octanol/water (Log Pow)	: > 4
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available

ADAPT No Sting Medical Adhesive Remover

Safety Data Sheet

Viscosity, kinematic	: 0.658 mm ² /s
Viscosity, dynamic	: 0.5 mPa·s (25 °C)
Explosion limits	: 0.5 – 21.8 vol %
Explosive properties	: Pressurized container: may burst if heated.
Particle characteristics	: No data available

9.2. Data relevant with regard to physical hazard classes (supplemental)

VOC content	: 100 %
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SECTION 10 Stability and reactivity

10.1. Reactivity

Extremely flammable aerosol. Pressurized container: may burst if heated.

10.2. Chemical stability

Stable under use and storage conditions as recommended in section 7.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use. Pressurized container: may burst if heated.

10.4. Conditions to avoid

Avoid static electricity discharges. Keep out of direct sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F. Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

10.5. Incompatible materials

Oxidizing materials. Reducing agents.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11 Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (dermal)	: Not classified (On basis of test data)
Acute toxicity (inhalation)	: Not classified (Based on available data, the classification criteria are not met)

Hexamethyldisiloxane (107-46-0)	
LD50 oral rat	> 12.16 g/kg (Source: ECHA)
LD50 oral	12160 mg/kg
LD50 dermal rat	> 2000 mg/kg (Source: ECHA_API)
LD50 dermal rabbit	> 2000 mg/kg Source: IUCLID
LD50 dermal	12160 mg/kg
LC50 Inhalation - Rat [ppm]	15956 ppm/4h
LC50 Inhalation - Rat (Vapors)	106 mg/l/4h

Skin corrosion/irritation	: Not classified (Based on available data, the classification criteria are not met)
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Serious eye damage/irritation	: Not classified (Based on available data, the classification criteria are not met)
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ADAPT No Sting Medical Adhesive Remover

Safety Data Sheet

Respiratory or skin sensitization	: Not classified (On basis of test data) No evidence of sensitization (OECD 406)
Germ cell mutagenicity	: Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity	: Not classified (Based on available data, the classification criteria are not met)
Reproductive toxicity	: Not classified (Based on available data, the classification criteria are not met)
STOT-single exposure	: Not classified (Based on available data, the classification criteria are not met)
STOT-repeated exposure	: Not classified (Based on available data, the classification criteria are not met)
Aspiration hazard	: Not classified (Based on available data, the classification criteria are not met)

Hexamethyldisiloxane (107-46-0)

Viscosity, kinematic	0.658 mm ² /s
Symptoms/effects	: Not expected to present a significant hazard under anticipated conditions of normal use.
Symptoms/effects after inhalation	: Overexposure to vapors may result in cough.
Symptoms/effects after eye contact	: May cause slight temporary irritation.
Other information	: Likely routes of exposure: inhalation, skin and eye. No Cytotoxic by Direct Contact Method.

SECTION 12 Ecological information

12.1. Ecotoxicity

Ecology - general	: Very toxic to aquatic life with long lasting effects.
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12.2. Persistence and degradability

Hexamethyldisiloxane (107-46-0)

Persistence and degradability	No additional information available
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12.3. Bioaccumulative potential

Hexamethyldisiloxane (107-46-0)

Partition coefficient n-octanol/water (Log Pow)	> 4
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12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Fluorinated greenhouse gases	: No
Other information	: Avoid release to the environment.

SECTION 13 Disposal considerations





Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
Product/Packaging disposal recommendations	: Dispose of in accordance with relevant local regulations.

SECTION 14 Transport information

In accordance with DOT / TDG / IMDG / IATA

ADAPT No Sting Medical Adhesive Remover

Safety Data Sheet

DOT	TDG	IMDG	IATA
14.1. UN number			
UN1950	UN1950	1950	1950
14.2. Proper Shipping Name			
Not applicable	AEROSOLS	AEROSOLS	Aerosols, flammable
14.3. Transport hazard class(es)			
2.1	2.1	2.1	2.1
			
14.4. Packing group			
Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards			
Dangerous for the environment: Yes	Dangerous for the environment: Yes	Dangerous for the environment: Yes Marine pollutant: Yes	Dangerous for the environment: Yes
Consult the associated transport regulations for available and applicable exceptions or exemptions.			

14.6. Transport in bulk

Not applicable

14.7. Special precautions for user

DOT

UN-No. (DOT) : UN1950

TDG

UN-No. (TDG) : UN1950

Excepted quantities (TDG) : E0

Passenger Carrying Road Vehicle or Passenger : 75 L

Carrying Railway Vehicle Index

IMDG

Special provision (IMDG) : 63, 190, 277, 327, 344, 381, 959

Packing instructions (IMDG) : P207, LP200

Packing provisions (IMDG) : PP87, L2

EmS-No. (Fire) : F-D - FIRE SCHEDULE Delta - FLAMMABLE GASES

EmS-No. (Spillage) : S-U - SPILLAGE SCHEDULE Uniform - GASES (FLAMMABLE, TOXIC OR CORROSIVE)

Stowage category (IMDG) : None

Stowage and handling (IMDG) : SW1, SW22

Segregation (IMDG) : SG69

IATA

Special provision (IATA) : A145, A167, A802

PCA Excepted quantities (IATA) : E0

PCA Limited quantities (IATA) : Y203

PCA limited quantity max net quantity (IATA) : 30kgG

PCA packing instructions (IATA) : 203

PCA max net quantity (IATA) : 75kg

CAO packing instructions (IATA) : 203

CAO max net quantity (IATA) : 150kg

ADAPT No Sting Medical Adhesive Remover

Safety Data Sheet

ERG code (IATA)

: 10L

SECTION 15 Regulatory information

15.1. Federal regulations

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

15.2. International regulations

No additional information available

15.3. State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

Component	State or local regulations
Nitrogen(7727-37-9)	U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List; U.S. - Minnesota - Hazardous Substance List; U.S. - Massachusetts - Right To Know List

SECTION 16 Other information

Revision date : 6 May 2025
Issue date : 5 June 2020
Other information : None.

Safety Data Sheet (SDS), USA

The information contained in this Safety Data Sheet (SDS) is offered as a guide to the use and handling of this material. All safety aspects of all Hollister products are thoroughly evaluated prior to commercialization. This SDS has been prepared in good faith by technically knowledgeable personnel. 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 SDS. Each individual should make a determination as to the suitability of the information for his or her particular purpose(s).