



Hollister

ADAPT Medical Adhesive

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Issue date: 01 September 2020 Revision date: 01 September 2020

Version: 1.0

SECTION 1: Identification

1.1. Identification

Product form : Mixture
Trade name : ADAPT Medical Adhesive
Product code : 7730

1.2. Recommended use and restrictions on use

Use of the substance/mixture : Medical Adhesive

1.3. Supplier

Hollister Incorporated
2000 Hollister Drive
Libertyville, Illinois 60048
847-680-1000

www.Hollister.com

1.4. Emergency telephone number

Emergency number : 847-680-1000

SECTION 2: Hazard(s) identification

A safety data sheet is not required for this product and has been provided as a service to our customers.

2.1. Classification of the substance or mixture

GHS US classification

Flammable aerosol Category 1 Extremely flammable aerosol

2.2. GHS Label elements, including precautionary statements

GHS US labeling

Hazard pictograms (GHS US) :



Signal word (GHS US) : Danger
Hazard statements (GHS US) : Extremely flammable aerosol
Precautionary statements (GHS US) : 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.
Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

2.3. Other hazards which do not result in classification

Other hazards not contributing to the classification : Very toxic to aquatic life with long lasting effects.

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

This mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of HazCom 2012

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SECTION 4: First-aid measures

4.1. Description of first aid measures

- | | |
|---------------------------------------|---|
| First-aid measures after inhalation | : If experiencing respiratory symptoms: Remove person to fresh air and keep 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. |
| 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/doctor/physician if you feel unwell. |

4.2. Most important symptoms and 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. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

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|--------------------------------|--|
| Suitable extinguishing media | : Foam. Dry powder. Carbon dioxide. Water spray. Sand. |
| 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 CO ₂). |
| 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 enter fire area without proper protective equipment, including respiratory protection. |

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

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

6.1.2. For emergency responders

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

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

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|-------------------------|---|
| Methods for cleaning up | : Ventilate area. Take precautionary measures against static discharge. Wipe up remaining liquid with absorbent material (for example cloth). |
|-------------------------|---|

6.4. Reference to other sections

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

SECTION 7: Handling and storage

7.1. Precautions for safe handling

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|-----------------------------------|--|
| Additional hazards when processed | : Container remains hazardous when empty. Continue to observe all precautions. |
| Precautions for safe handling | : 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. |

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Hygiene measures : Do not smoke while handling product. Use good personal hygiene practices. Wash hands thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep cool. Do not overheat the product. Keep out of direct sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F.

Incompatible materials : Oxidizing materials. Reducing agents.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

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No additional information available

8.2. Appropriate engineering controls

Appropriate engineering controls : Good standard of general ventilation.

Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:

Not required for normal conditions of use.

Eye protection:

If there is a risk of eye contact: Use suitable eye protection

Other information:

Do not smoke while handling product.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid

Appearance : Aerosol.

Color : Colorless

Odor : Characteristic

Odor threshold : No data available

pH : No data available

Melting point : -59 °C

Freezing point : No data available

Boiling point : 101 °C

Flash point : -8 °C

Relative evaporation rate (butyl acetate=1) : No data available

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

Specific gravity / density : 0.76 g/cm³

Solubility : Insoluble.

Partition coefficient n-octanol/water (Log Pow) : > 4

Auto-ignition temperature : No data available

Decomposition temperature : No data available

Viscosity, kinematic : 0.658 mm²/s

Viscosity, dynamic : 0.5 mPa·s (25 °C)

Explosion limits : 0.5 – 21.8 vol %

Explosive properties : Pressurized container: may burst if heated.

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Oxidizing properties : No data available

9.2. Other information

VOC content : 100 %

SECTION 10: Stability and reactivity

10.1. Reactivity

Extremely flammable aerosol.

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

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 (On basis of test data)
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)
Additional information : Not classified as acute orally toxic, on the basis of test data
Not classified as acute dermally toxic, on the basis of test data

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LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
Skin corrosion/irritation	: Not classified (On basis of test data) Not classified as skin corrosive or irritating, on the basis of test data
Serious eye damage/irritation	: Not classified (Based on available data, the classification criteria are not met)
Respiratory or skin sensitization	: Not classified (On basis of test data) Not classified as skin sensitizer, on the basis of test data
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)
Viscosity, kinematic	: 0.658 mm²/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. The test article showed evidence of causing slight cell lysis to the L-929 cells Using the ISO Direct Contact Method. The test article met the requirements of the test since the grade was less than a grade 2 (mild reactivity).

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : This material has not been tested for environmental effects.

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12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

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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

Other information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Disposal methods

Product/Packaging disposal recommendations : Dispose of in accordance with relevant local regulations.

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT

Transport document description	: UN1950 Aerosols, 2.1
UN-No.(DOT)	: UN1950
Proper Shipping Name (DOT)	: Aerosols
Class (DOT)	: 2.1 - Class 2.1 - Flammable gas 49 CFR 173.115
Hazard labels (DOT)	: 2.1 - Flammable gas



Other information : No supplementary information available.

Transportation of Dangerous Goods

Transport document description	: UN1950 AEROSOLS, 2.1
UN-No. (TDG)	: UN1950
Proper Shipping Name (Transportation of Dangerous Goods)	: AEROSOLS
TDG Primary Hazard Classes	: 2.1 - Class 2.1 - Flammable Gas

Transport by sea

Transport document description (IMDG)	: UN 1950 AEROSOLS, 2.1, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS
UN-No. (IMDG)	: 1950
Proper Shipping Name (IMDG)	: AEROSOLS
Class (IMDG)	: 2 - Gases

Air transport

Transport document description (IATA)	: UN 1950 Aerosols, flammable, 2.1, ENVIRONMENTALLY HAZARDOUS
UN-No. (IATA)	: 1950
Proper Shipping Name (IATA)	: Aerosols, flammable
Class (IATA)	: 2

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SECTION 15: Regulatory information

15.1. US Federal regulations

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All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

xylene	CAS-No. 1330-20-7
ethylbenzene	CAS-No. 100-41-4

15.2. International regulations

CANADA

No additional information available

EU-Regulations

No additional information available

National regulations

No additional information available

15.3. US State regulations

 **WARNING:** This product can expose you to ethylbenzene, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Component	State or local regulations
ethylbenzene(100-41-4)	U.S. - Maine - Chemicals of Concern

SECTION 16: Other information

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Revision date : 01 September 2020
Data sources : Company information.
Other information : None.

SDS US (GHS HazCom 2012)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.