



SAFETY DATA SHEET
Ductmate QUICKSTICK WB Ductliner Adhesive Canister

1. Identification

Product identifier

Product name Ductmate QUICKSTICK WB Ductliner Adhesive Canister

Product number USA

Recommended use of the chemical and restrictions on use

Application Canister Spray Adhesive

Details of the supplier of the safety data sheet

Supplier Ductmate Industries, Inc
 210 5th Street
 Charleroi, PA 15022
 800-990-8459

Emergency telephone number

Emergency telephone ChemTel Inc. 800-255-3924 (North America), +1 813-248-0585 (International)

2. Hazard(s) identification

Classification of the substance or mixture

Physical hazards Aerosol 3 Press. Gas, Liquefied - H280

Health hazards Not Classified

Environmental hazards Not Classified

Human health The liquid may be irritating to eyes, respiratory system and skin. Symptoms following overexposure may include the following: Headache. Dizziness. Nausea, vomiting.

Label elements

Hazard symbols



Signal word Warning

Hazard statements H280 Contains gas under pressure; may explode if heated.

Precautionary statements P251 Pressurized container: Do not pierce or burn, even after use
 P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
 P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P337+P313 If eye irritation persists: Get medical advice/ attention.
 P410+P403 Protect from sunlight. Store in a well-ventilated place.
 P412 Do not expose to temperatures exceeding 50°C/122°F.

Other hazards

Ductmate QUICKSTICK WB Ductliner Adhesive Canister

This product does not contain any substances classified as PBT or vPvB.

3. Composition/information on ingredients

Mixtures

| | |
|---|-------|
| HFO-1234ze, trans-1,3,3,3-Tetrafluoroprop-1-ene | 5-10% |
| CAS number: 29118-24-9 | |
| Classification | |
| Press. Gas, Liquefied - H280 | |

The full text for all hazard statements is displayed in Section 16.

4. First-aid measures

Description of first aid measures

| | |
|----------------------------|---|
| General information | Remove affected person from source of contamination. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues. |
| Inhalation | Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Get medical attention. |
| Ingestion | Never give anything by mouth to an unconscious person. Do not induce vomiting. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention. |
| Skin Contact | Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues. |
| Eye contact | Remove any contact lenses and open eyelids wide apart. Only remove contact lenses if the person is conscious, coherent and they can remove them themselves. If adhesive bonding occurs, do not force eyelids apart. Continue to rinse for at least 15 minutes. If in doubt, get medical attention promptly. Show this Safety Data Sheet to the medical personnel. |

Most important symptoms and effects, both acute and delayed

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| Inhalation | May cause coughing and difficulties in breathing. May cause eye and respiratory system irritation. Overexposure may depress the central nervous system, causing dizziness and intoxication. |
| Ingestion | Aspiration hazard if swallowed. May be fatal if swallowed and enters airways. Ingestion may cause severe irritation of the mouth, the esophagus and the gastrointestinal tract. May Cause the following effects: Gastrointestinal symptoms, including upset stomach. Central nervous system depression. Nausea, vomiting. Entry into the lungs following ingestion or vomiting may cause chemical pneumonitis. |
| Skin contact | May be absorbed through the skin. Product has a defatting effect on skin. The product is irritating to eyes and skin. A single exposure may cause the following adverse effects: Dryness and/or cracking. |
| Eye contact | Causes serious eye irritation. Burns can occur. A single exposure may cause the following adverse effects: Pain. Conjunctivitis, irritation, tearing. Prolonged or repeated exposure may cause the following adverse effects: Irritation of eyes and mucous membranes. Prolonged contact causes serious eye and tissue damage. |

5. Fire-fighting measures

Special hazards arising from the substance or mixture

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Specific hazards Pressurized container: Must not be exposed to temperatures above 50°C/120°F Containers can burst violently or explode when heated, due to excessive pressure build-up.

Advice for firefighters

Special protective equipment for firefighters Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions For personal protection, see Section 8.

Environmental precautions

Environmental precautions Avoid discharge into drains. Contain spillage with sand, earth or other suitable non-combustible material.

Methods and material for containment and cleaning up

Methods for cleaning up Stop leak if possible without risk. Provide adequate ventilation. Avoid the spillage or runoff entering drains, sewers or watercourses. Absorb in vermiculite, dry sand or earth and place into containers. Wash thoroughly after dealing with a spillage.

7. Handling and storage

Precautions for safe handling

Usage precautions Avoid spilling. Avoid contact with skin and eyes. Provide adequate ventilation. Avoid inhalation of vapors. Use approved respirator if air contamination is above an acceptable level. Container must be kept tightly closed when not in use.

Advice on general occupational hygiene Do not eat, drink or smoke when using this product.

Conditions for safe storage, including any incompatibilities

Storage precautions Keep away from heat, sparks and open flame. Keep container tightly closed. Keep only in the original container. Pressurized container: Must not be exposed to temperatures above 50°C/120°F

8. Exposure controls/Personal protection

Control parameters

Occupational exposure limits

HFO-1234ze, trans-1,3,3,3-Tetrafluoroprop-1-ene

TWA of 800 ppm WEEL:US OARS. WEELs Workplace Environmental Exposure Level Guide

HFO-1234ze, trans-1,3,3,3-Tetrafluoroprop-1-ene (CAS: 29118-24-9)

Ingredient comments No exposure limits known for ingredient(s).

Exposure controls

Protective equipment



Appropriate engineering controls

This product must not be handled in a confined space without adequate ventilation. Provide adequate general and local exhaust ventilation.

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|---------------------------------------|--|
| Eye/face protection | Wear chemical splash goggles. |
| Hand protection | Use protective gloves. |
| Other skin and body protection | Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapor contact. |
| Hygiene measures | DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly with soap and water if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke. |
| Respiratory protection | Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit. If exposure levels are likely to be exceeded, use a half face mask fitted with an organic vapor filter for short term low level exposures. For long term or high level exposures, a supplied air respirator should be used. |

9. Physical and chemical properties

Information on basic physical and chemical properties

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|---|---|
| Appearance | Aerosol. |
| Color | White / off-white. |
| Odor | Mild. |
| Odor threshold | Not available. |
| pH | Not available. |
| Melting point | Not applicable. |
| Initial boiling point and range | Not applicable. |
| Flash point | Not applicable. |
| Evaporation rate | Not available. |
| Flammability (solid, gas) | Not applicable. |
| Upper/lower flammability or explosive limits | Not applicable. |
| Vapor pressure | Not available. |
| Vapor density | Not available. |
| Relative density | 1.04 |
| Solubility(ies) | Water soluble when wet |
| Partition coefficient | Not available. |
| Auto-ignition temperature | Not available. |
| Decomposition Temperature | Not available. |
| Viscosity | Not available. |
| Volatile organic compound | This product contains a maximum VOC content of 0 g/l. |

10. Stability and reactivity

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| Stability | Stable at normal ambient temperatures and when used as recommended. |
|------------------|---|

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|---|---|
| Conditions to avoid | Avoid heat, flames and other sources of ignition. Avoid contact with the following materials: Oxidizing agents. Reducing agents. |
| Hazardous decomposition products | Fire creates: Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO ₂). Nitrous gases (NO _x). |

11. Toxicological information

Information on toxicological effects

Toxicological information on ingredients.

HFO-1234ze, trans-1,3,3,3-Tetrafluoroprop-1-ene

| | |
|--|---|
| Toxicological effects | As supplied, the material does not present a health hazard. |
| <u>Acute toxicity - oral</u> | |
| Notes (oral LD₅₀) | Based on available data the classification criteria are not met. |
| <u>Acute toxicity - dermal</u> | |
| Notes (dermal LD₅₀) | Based on available data the classification criteria are not met. |
| <u>Acute toxicity - inhalation</u> | |
| Notes (inhalation LC₅₀) | LC ₅₀ >207000 ppm, Inhalation, Rat |
| <u>Skin corrosion/irritation</u> | |
| Animal data | Dose: 0.4 mL, 4 hours, Rabbit Primary dermal irritation index: 0 Not irritating. |
| <u>Serious eye damage/irritation</u> | |
| Serious eye damage/irritation | No information available. |
| <u>Respiratory sensitization</u> | |
| Respiratory sensitization | Based on available data the classification criteria are not met. |
| <u>Skin sensitization</u> | |
| Skin sensitization | Based on available data the classification criteria are not met. |
| <u>Germ cell mutagenicity</u> | |
| Genotoxicity - in vitro | Gene mutation: Negative. |
| Genotoxicity - in vivo | Chromosome aberration: Negative. |
| <u>Carcinogenicity</u> | |
| Carcinogenicity | Based on available data the classification criteria are not met. |
| <u>Reproductive toxicity</u> | |
| Reproductive toxicity - fertility | Two-generation study - NOEL >20000 ppm, Inhalation, Rat P This substance has no evidence of toxicity to reproduction. |
| Reproductive toxicity - development | Developmental toxicity: - NOAEC: 15000 ppm, Inhalation, Rat This substance has no evidence of toxicity to reproduction. |
| <u>Specific target organ toxicity - single exposure</u> | |
| STOT - single exposure | Based on available data the classification criteria are not met. |
| <u>Specific target organ toxicity - repeated exposure</u> | |
| STOT - repeated exposure | Based on available data the classification criteria are not met. |

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Aspiration hazard

Aspiration hazard Not relevant.

Inhalation Vapors may cause headache, fatigue, dizziness and nausea. Prolonged inhalation of high concentrations may damage respiratory system.

Ingestion May cause discomfort if swallowed.

Skin Contact Spray will evaporate and cool rapidly and may cause frostbite or cold burns if in contact with skin.

Eye contact May cause temporary eye irritation. May cause temporary eye irritation.

12. Ecological information

Bioaccumulative potential

Partition coefficient Not available.

13. Disposal considerations

Waste treatment methods

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

14. Transport information

Air transport notes 1. <75kg, 2. <150kg

UN Number

UN No. (TDG) 3500

UN No. (ICAO) 3500

UN No. (DOT) 3500

UN proper shipping name

Proper shipping name (TDG) Chemical Under Pressure, N.O.S. (trans-1,3,3,3-Tetrafluoroprop-1-ene)

Proper shipping name (IMDG) Chemical Under Pressure, N.O.S. (trans-1,3,3,3-Tetrafluoroprop-1-ene)

Proper shipping name (ICAO) Chemical Under Pressure, N.O.S. (trans-1,3,3,3-Tetrafluoroprop-1-ene)

Proper shipping name (DOT) Chemical Under Pressure, N.O.S. (trans-1,3,3,3-Tetrafluoroprop-1-ene)

Transport hazard class(es)

TDG class 2

TDG label(s) 2.2

Transport labels



Packing group

Packing group (International) Not applicable.

15. Regulatory information

Ductmate QUICKSTICK WB Ductliner Adhesive Canister

National regulations All applicable legislation listed in other parts of this Safety Data Sheet

Guidance Safety Data Sheets for Substances and Preparations.

US Federal Regulations

SARA (311/312) Hazard Categories

Present.

US State Regulations

California Proposition 65 Carcinogens and Reproductive Toxins

This product does not contain any chemicals known to the state of California to cause cancer, birth defects or any other reproductive harm.

Inventories

Canada - DSL/NDSL

The following ingredients are listed or exempt:

US - TSCA

The following ingredients are listed or exempt:

16. Other information

| | |
|---|--|
| Revision date | 9/25/2020 |
| Revision | 13 |
| Supersedes date | 8/20/2015 |
| SDS No. | 23548 |
| Hazard statements in full | H280 Contains gas under pressure; may explode if heated. |
| ACA HMIS Health rating. | Slight hazard. (1) |
| ACA HMIS Flammability rating. | Will not burn. (0) |
| ACA HMIS Physical hazard rating. | Normally stable. (0) |
| ACA HMIS Personal protection rating. | B |

DIRECTIONS FOR USE

PRODUCT LOGO

The information in this Safety Data Sheet (SDS) is believed to be correct as of the date issued. The manufacturer MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR COURSE OF PERFORMANCE OR USAGE OF TRADE. Given the variety of factors that can affect the use and application of this product, many of which are solely within the user's knowledge and control, the user is responsible for determining whether the usage of this product is fit for a particular purpose and suitable for the user's method of use or application. It is essential that the user, not the manufacturer, evaluates this product to determine whether it is fit for a particular purpose and suitable for the user's method of use or application.