SECTION 1: Identification

1.1. Product identifier
3M(TM) Hi-Tack Spray Adhesive 76

Product Identification Numbers

<table>
<thead>
<tr>
<th>ID Number</th>
<th>UPC</th>
<th>ID Number</th>
<th>UPC</th>
</tr>
</thead>
<tbody>
<tr>
<td>62-4943-4920-2</td>
<td></td>
<td>62-4943-4921-0</td>
<td></td>
</tr>
<tr>
<td>62-4943-4950-9</td>
<td></td>
<td>62-4943-4955-8</td>
<td></td>
</tr>
</tbody>
</table>

7010366486, 7000121433, 7000046589, 7010366487

1.2. Recommended use and restrictions on use

Recommended use
aerosol adhesive

1.3. Supplier’s details

MANUFACTURER: 3M
DIVISION: Industrial Adhesives and Tapes Division
ADDRESS: 3M Center, St. Paul, MN 55144-1000, USA
Telephone: 1-888-3M HELPS (1-888-364-3577)

1.4. Emergency telephone number
1-800-364-3577 or (651) 737-6501 (24 hours)

SECTION 2: Hazard identification

2.1. Hazard classification

Flammable Aerosol: Category 1.
Gas Under Pressure: Liquefied gas.
Serious Eye Damage/Irritation: Category 2B.
Simple Asphyxiant.
Specific Target Organ Toxicity (single exposure): Category 1.
Specific Target Organ Toxicity (single exposure): Category 3.

2.2. Label elements

Signal word
Danger
Symbols
Flame | Gas cylinder | Exclamation mark | Health Hazard |

Pictograms

Hazard Statements
Extremely flammable aerosol.
Contains gas under pressure; may explode if heated.
Causes eye irritation.
May cause respiratory irritation.
May cause drowsiness or dizziness.
May displace oxygen and cause rapid suffocation.
Causes damage to organs:
cardiovascular system

Precautionary Statements

Prevention:
Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
Do not spray on an open flame or other ignition source.
Pressurized container: Do not pierce or burn, even after use.
Do not breathe dust/fume/gas/mist/vapors/spray.
Use only outdoors or in a well-ventilated area.
Do not eat, drink or smoke when using this product.
Wash thoroughly after handling.

Response:
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
Continue rinsing.
If eye irritation persists: Get medical advice/attention.
IF exposed: Call a POISON CENTER or doctor/physician.
Specific treatment (see Notes to Physician on this label).

Storage:
Protect from sunlight. Do not expose to temperatures exceeding 50C/122F.
Keep container tightly closed.
Store locked up in a well-ventilated place.

Disposal:
Dispose of contents/container in accordance with applicable local/regional/national/international regulations.

Notes to Physician:
Exposure may increase myocardial irritability. Do not administer sympathomimetic drugs unless absolutely necessary.

Supplemental Information:
Intentional concentration and inhalation may be harmful or fatal.
SECTION 3: Composition/information on ingredients

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>C.A.S. No.</th>
<th>% by Wt</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimethyl ether</td>
<td>115-10-6</td>
<td>35 - 45</td>
</tr>
<tr>
<td>Methyl acetate</td>
<td>79-20-9</td>
<td>20 - 30</td>
</tr>
<tr>
<td>Non-hazardous components (N.J.T.S Reg No. 0449600-6481P)</td>
<td>Trade Secret*</td>
<td>10 - 20</td>
</tr>
<tr>
<td>Cyclohexane</td>
<td>110-82-7</td>
<td>7 - 13</td>
</tr>
<tr>
<td>1,1-Difluoroethane</td>
<td>75-37-6</td>
<td>1 - 5</td>
</tr>
<tr>
<td>Light petroleum distillates</td>
<td>64742-47-8</td>
<td>0.5 - 1.5</td>
</tr>
<tr>
<td>Petroleum Naphtha</td>
<td>64742-48-9</td>
<td>0.5 - 1.5</td>
</tr>
</tbody>
</table>

*The specific chemical identity and/or exact percentage (concentration) of this composition has been withheld as a trade secret.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation:
Remove person to fresh air.  Get medical attention.

Skin Contact:
Wash with soap and water.  If signs/symptoms develop, get medical attention.

Eye Contact:
Flush with large amounts of water.  Remove contact lenses if easy to do.  Continue rinsing.  If signs/symptoms persist, get medical attention.

If Swallowed:
Rinse mouth.  If you feel unwell, get medical attention.

4.2. Most important symptoms and effects, both acute and delayed
See Section 11.1. Information on toxicological effects.

4.3. Indication of any immediate medical attention and special treatment required
Exposure may increase myocardial irritability. Do not administer sympathomimetic drugs unless absolutely necessary.

SECTION 5: Fire-fighting measures

5.1. Suitable extinguishing media
Use a fire fighting agent suitable for the surrounding fire.

5.2. Special hazards arising from the substance or mixture
Closed containers exposed to heat from fire may build pressure and explode.

Hazardous Decomposition or By-Products

<table>
<thead>
<tr>
<th>Substance</th>
<th>Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aldehydes</td>
<td>During Combustion</td>
</tr>
<tr>
<td>Formaldehyde</td>
<td>During Combustion</td>
</tr>
<tr>
<td>Carbon monoxide</td>
<td>During Combustion</td>
</tr>
<tr>
<td>Carbon dioxide</td>
<td>During Combustion</td>
</tr>
<tr>
<td>Hydrogen Fluoride</td>
<td>During Combustion</td>
</tr>
</tbody>
</table>
5.3. Special protective actions for fire-fighters
Water may not effectively extinguish fire; however, it should be used to keep fire-exposed containers and surfaces cool and prevent explosive rupture. When fire fighting conditions are severe and total thermal decomposition of the product is possible, wear full protective clothing, including helmet, self-contained, positive pressure or pressure demand breathing apparatus, bunker coat and pants, bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
Evacuate area. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Use only non-sparking tools. Ventilate the area with fresh air. Warning! A motor could be an ignition source and could cause flammable gases or vapors in the spill area to burn or explode. Refer to other sections of this SDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment.

6.2. Environmental precautions
For larger spills, cover drains and build dikes to prevent entry into sewer systems or bodies of water.

6.3. Methods and material for containment and cleaning up
If possible, seal leaking container. Place leaking containers in a well-ventilated area, preferably an operating exhaust hood, or if necessary outdoors on an impermeable surface until appropriate packaging for the leaking container or its contents is available. Collect as much of the spilled material as possible using non-sparking tools. Place in a metal container approved for transportation by appropriate authorities. Seal the container. Dispose of collected material as soon as possible in accordance with applicable local/regional/national/international regulations.

SECTION 7: Handling and storage

7.1. Precautions for safe handling
Do not breathe thermal decomposition products. For industrial/occupational use only. Not for consumer sale or use. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Do not breathe dust/fume/gas/mist/vapors/spray. Do not get in eyes, on skin, or on clothing. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Avoid contact with oxidizing agents (eg. chlorine, chromic acid etc.)

7.2. Conditions for safe storage including any incompatibilities
Store in a well-ventilated place. Keep container tightly closed. Protect from sunlight. Do not expose to temperatures exceeding 50C/122F. Store away from heat. Store away from acids. Store away from oxidizing agents.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits
If a component is disclosed in section 3 but does not appear in the table below, an occupational exposure limit is not available for the component.

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>C.A.S. No.</th>
<th>Agency</th>
<th>Limit type</th>
<th>Additional Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cyclohexane</td>
<td>110-82-7</td>
<td>ACGIH</td>
<td>TWA:100 ppm</td>
<td></td>
</tr>
<tr>
<td>Cyclohexane</td>
<td>110-82-7</td>
<td>OSHA</td>
<td>TWA:1050 mg/m3(300 ppm)</td>
<td></td>
</tr>
<tr>
<td>Dimethyl ether</td>
<td>115-10-6</td>
<td>AIHA</td>
<td>TWA:1880 mg/m3(1000 ppm)</td>
<td>A3: Confirmed animal carcin., SKIN</td>
</tr>
<tr>
<td>Kerosine (petroleum)</td>
<td>64742-47-8</td>
<td>ACGIH</td>
<td>TWA(as total hydrocarbon vapor, non-aerosol):200 mg/m3</td>
<td></td>
</tr>
<tr>
<td>1,1-Difluoroethane</td>
<td>75-37-6</td>
<td>AIHA</td>
<td>TWA:2700 mg/m3(1000 ppm)</td>
<td></td>
</tr>
</tbody>
</table>
Methyl acetate | 79-20-9 | ACGIH | TWA:200 ppm; STEL:250 ppm
Methyl acetate | 79-20-9 | OSHA | TWA:610 mg/m3(200 ppm)

ACGIH : American Conference of Governmental Industrial Hygienists
AIHA : American Industrial Hygiene Association
CMRG : Chemical Manufacturer's Recommended Guidelines
OSHA : United States Department of Labor - Occupational Safety and Health Administration
TWA: Time-Weighted-Average
STEL: Short Term Exposure Limit
CEIL: Ceiling

8.2. Exposure controls

8.2.1. Engineering controls
Do not remain in area where available oxygen may be reduced. Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below relevant Exposure Limits and/or control dust/fume/gas/mist/vapors/spray. If ventilation is not adequate, use respiratory protection equipment.

8.2.2. Personal protective equipment (PPE)

Eye/face protection
Select and use eye/face protection to prevent contact based on the results of an exposure assessment. The following eye/face protection(s) are recommended:
Indirect Vented Goggles

Skin/hand protection
Select and use gloves and/or protective clothing approved to relevant local standards to prevent skin contact based on the results of an exposure assessment. Selection should be based on use factors such as exposure levels, concentration of the substance or mixture, frequency and duration, physical challenges such as temperature extremes, and other use conditions. Consult with your glove and/or protective clothing manufacturer for selection of appropriate compatible gloves/protective clothing. Note: Nitrile gloves may be worn over polymer laminate gloves to improve dexterity.
Gloves made from the following material(s) are recommended: Polymer laminate

If this product is used in a manner that presents a higher potential for exposure (eg. spraying, high splash potential etc.), then use of protective coveralls may be necessary. Select and use body protection to prevent contact based on the results of an exposure assessment. The following protective clothing material(s) are recommended: Apron - polymer laminate

Respiratory protection
An exposure assessment may be needed to decide if a respirator is required. If a respirator is needed, use respirators as part of a full respiratory protection program. Based on the results of the exposure assessment, select from the following respirator type(s) to reduce inhalation exposure:
Half facepiece or full facepiece air-purifying respirator suitable for organic vapors and particulates
Half facepiece or full facepiece supplied-air respirator
Organic vapor respirators may have short service life.

For questions about suitability for a specific application, consult with your respirator manufacturer.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties
Appearance
  Physical state: Gas
  Color: Amber
Specific Physical Form: Aerosol
Odor: Mild Solvent
Odor threshold: No Data Available
pH: No Data Available
Melting point: No Data Available
Boiling Point: [Details: Compressed gas] Not Applicable
Flash Point: -40 °F [Test Method: Tagliabue Closed Cup]
Evaporation rate: 1.9 [Ref Std: ETHER = 1]
Flammability (solid, gas): Flammable Aerosol: Category 1.
Flammable Limits (LEL): No Data Available
Flammable Limits (UEL): No Data Available
Vapor Pressure: [Details: Compressed gas] Not Applicable
Vapor Density: 2.97 [Ref Std: AIR = 1]
Density: 0.782 g/ml
Specific Gravity: 0.782 [Ref Std: WATER = 1]
Solubility in Water: Nil
Solubility- non-water: No Data Available
Partition coefficient: n-octanol/ water: No Data Available
Autoignition temperature: No Data Available
Decomposition temperature: Not Applicable
Viscosity: Not Applicable
Hazardous Air Pollutants: 0 % weight [Test Method: Calculated]
Volatile Organic Compounds: <=428 g/l [Test Method: calculated SCAQMD rule 443.1] [Details: low solids less exempts]
Volatile Organic Compounds: <=3.57 lb/gal [Test Method: calculated SCAQMD rule 443.1] [Details: low solids less exempts]
Percent volatile: Approximately 85 % weight
VOC Less H2O & Exempt Solvents: <=54.7 % [Test Method: calculated per CARB title 2]
Solids Content: 7.1 %

SECTION 10: Stability and reactivity

10.1. Reactivity
This material may be reactive with certain agents under certain conditions - see the remaining headings in this section.

10.2. Chemical stability
Stable.

10.3. Possibility of hazardous reactions
Hazardous polymerization will not occur.

10.4. Conditions to avoid
Heat

10.5. Incompatible materials
Strong oxidizing agents

10.6. Hazardous decomposition products

<table>
<thead>
<tr>
<th>Substance</th>
<th>Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td>None known.</td>
<td>None known.</td>
</tr>
</tbody>
</table>

Refer to section 5.2 for hazardous decomposition products during combustion.

Extreme heat arising from situations such as misuse or equipment failure can generate hydrogen fluoride as a decomposition product.
SECTION 11: Toxicological information

The information below may not be consistent with the material classification in Section 2 if specific ingredient classifications are mandated by a competent authority. In addition, toxicological data on ingredients may not be reflected in the material classification and/or the signs and symptoms of exposure, because an ingredient may be present below the threshold for labeling, an ingredient may not be available for exposure, or the data may not be relevant to the material as a whole.

11.1. Information on Toxicological effects

Signs and Symptoms of Exposure

Based on test data and/or information on the components, this material may produce the following health effects:

Inhalation:
Simple Asphyxiation: Signs/symptoms may include increased heart rate, rapid respirations, drowsiness, headache, incoordination, altered judgement, nausea, vomiting, lethargy, seizures, coma, and may be fatal.

Respiratory Tract Irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

May cause additional health effects (see below).

Skin Contact:
Mild Skin Irritation: Signs/symptoms may include localized redness, swelling, itching, and dryness.

Eye Contact:
Moderate Eye Irritation: Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.

Ingestion:
Gastrointestinal Irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

May cause additional health effects (see below).

Additional Health Effects:

Single exposure may cause target organ effects:
Central Nervous System (CNS) Depression: Signs/symptoms may include headache, dizziness, drowsiness, incoordination, nausea, slowed reaction time, slurred speech, giddiness, and unconsciousness.

Single exposure, above recommended guidelines, may cause:
Cardiac Sensitization: Signs/symptoms may include irregular heartbeat (arrhythmia), faintness, chest pain, and may be fatal.

Toxicological Data
If a component is disclosed in section 3 but does not appear in a table below, either no data are available for that endpoint or the data are not sufficient for classification.

Acute Toxicity

<table>
<thead>
<tr>
<th>Name</th>
<th>Route</th>
<th>Species</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall product</td>
<td>Dermal</td>
<td>No data available; calculated ATE &gt;5,000 mg/kg</td>
<td></td>
</tr>
<tr>
<td>Overall product</td>
<td>Inhalation-Vapor(4 hr)</td>
<td>No data available; calculated ATE &gt;50 mg/l</td>
<td></td>
</tr>
<tr>
<td>Overall product</td>
<td>Ingestion</td>
<td>No data available; calculated ATE &gt;5,000 mg/kg</td>
<td></td>
</tr>
<tr>
<td>Dimethyl ether</td>
<td>Inhalation-Rat</td>
<td>LC50 164,000 ppm</td>
<td></td>
</tr>
</tbody>
</table>

...
<table>
<thead>
<tr>
<th>Name</th>
<th>Species</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Skin Corrosion/Irritation</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Methyl acetate</td>
<td>Rabbit</td>
<td>No significant irritation</td>
</tr>
<tr>
<td>Cyclohexane</td>
<td>Rabbit</td>
<td>Mild irritant</td>
</tr>
<tr>
<td>Non-hazardous components (N.J.T.S Reg No. 04499600-6481P)</td>
<td>Professional judgement</td>
<td>No significant irritation</td>
</tr>
<tr>
<td>Light petroleum distillates</td>
<td>Rabbit</td>
<td>Minimal irritation</td>
</tr>
<tr>
<td>Petroleum Naphtha</td>
<td>Rabbit</td>
<td>Minimal irritation</td>
</tr>
<tr>
<td><strong>Serious Eye Damage/Irritation</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Methyl acetate</td>
<td>Rabbit</td>
<td>Moderate irritant</td>
</tr>
<tr>
<td>Cyclohexane</td>
<td>Rabbit</td>
<td>Mild irritant</td>
</tr>
<tr>
<td>Light petroleum distillates</td>
<td>Rabbit</td>
<td>Mild irritant</td>
</tr>
<tr>
<td>Petroleum Naphtha</td>
<td>Rabbit</td>
<td>Mild irritant</td>
</tr>
<tr>
<td><strong>Skin Sensitization</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Methyl acetate</td>
<td>Human</td>
<td>Not classified</td>
</tr>
<tr>
<td>Light petroleum distillates</td>
<td>Guinea pig</td>
<td>Not classified</td>
</tr>
<tr>
<td>Petroleum Naphtha</td>
<td>Guinea pig</td>
<td>Not classified</td>
</tr>
<tr>
<td><strong>Respiratory Sensitization</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>For the component/components, either no data are currently available or the data are not sufficient for classification.</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Germ Cell Mutagenicity</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Name</td>
<td>Route</td>
<td>Value</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Dimethyl ether

In Vitro Not mutagenic

Dimethyl ether

In vivo Not mutagenic

Methyl acetate

In Vitro Not mutagenic

Methyl acetate

In vivo Not mutagenic

Cyclohexane

In Vitro Not mutagenic

Cyclohexane

In vivo Some positive data exist, but the data are not sufficient for classification

1,1-Difluoroethane

In Vitro Some positive data exist, but the data are not sufficient for classification

1,1-Difluoroethane

In vivo Some positive data exist, but the data are not sufficient for classification

Light petroleum distillates

In Vitro Not mutagenic

Light petroleum distillates

In vivo Not mutagenic

Petroleum Naphtha

In Vitro Not mutagenic

Petroleum Naphtha

In vivo Not mutagenic

Carcinogenicity

<table>
<thead>
<tr>
<th>Name</th>
<th>Route</th>
<th>Species</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimethyl ether</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1,1-Difluoroethane</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Light petroleum distillates</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Petroleum Naphtha</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Reproductive Toxicity

Reproductive and/or Developmental Effects

<table>
<thead>
<tr>
<th>Name</th>
<th>Route</th>
<th>Value</th>
<th>Species</th>
<th>Test Result</th>
<th>Exposure Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimethyl ether</td>
<td>Inhalation</td>
<td>Not classified for development</td>
<td>Rat</td>
<td>NOAEL 40,000 ppm</td>
<td>during organogenesis</td>
</tr>
<tr>
<td>Cyclohexane</td>
<td>Inhalation</td>
<td>Not classified for female reproduction</td>
<td>Rat</td>
<td>NOAEL 24 mg/l</td>
<td>2 generation</td>
</tr>
<tr>
<td>Cyclohexane</td>
<td>Inhalation</td>
<td>Not classified for male reproduction</td>
<td>Rat</td>
<td>NOAEL 24 mg/l</td>
<td>2 generation</td>
</tr>
<tr>
<td>Cyclohexane</td>
<td>Inhalation</td>
<td>Not classified for development</td>
<td>Rat</td>
<td>NOAEL 6.9 mg/l</td>
<td>2 generation</td>
</tr>
<tr>
<td>1,1-Difluoroethane</td>
<td>Inhalation</td>
<td>Not classified for development</td>
<td>Rat</td>
<td>NOAEL 50,000 ppm</td>
<td>during organogenesis</td>
</tr>
<tr>
<td>Light petroleum distillates</td>
<td>Not Specified</td>
<td>Not classified for female reproduction</td>
<td>Rat</td>
<td>NOAEL Not available</td>
<td>1 generation</td>
</tr>
<tr>
<td>Light petroleum distillates</td>
<td>Not Specified</td>
<td>Not classified for male reproduction</td>
<td>Rat</td>
<td>NOAEL Not available</td>
<td>28 days</td>
</tr>
<tr>
<td>Light petroleum distillates</td>
<td>Not Specified</td>
<td>Not classified for development</td>
<td>Rat</td>
<td>NOAEL Not available</td>
<td>during gestation</td>
</tr>
<tr>
<td>Petroleum Naphtha</td>
<td>Not Specified</td>
<td>Not classified for female reproduction</td>
<td>Not available</td>
<td>NOAEL NA</td>
<td>1 generation</td>
</tr>
<tr>
<td>Petroleum Naphtha</td>
<td>Not Specified</td>
<td>Not classified for male reproduction</td>
<td>Not available</td>
<td>NOAEL NA</td>
<td>28 days</td>
</tr>
<tr>
<td>Petroleum Naphtha</td>
<td>Not Specified</td>
<td>Not classified for development</td>
<td>Not applicable</td>
<td>NOAEL NA</td>
<td>during gestation</td>
</tr>
</tbody>
</table>

Target Organ(s)

Specific Target Organ Toxicity - single exposure

<table>
<thead>
<tr>
<th>Name</th>
<th>Route</th>
<th>Target Organ(s)</th>
<th>Value</th>
<th>Species</th>
<th>Test Result</th>
<th>Exposure Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimethyl ether</td>
<td>Inhalation</td>
<td>central nervous</td>
<td>May cause drowsiness or</td>
<td>Rat</td>
<td>LOAEL</td>
<td>30 minutes</td>
</tr>
</tbody>
</table>
### Specific Target Organ Toxicity - repeated exposure

<table>
<thead>
<tr>
<th>Name</th>
<th>Route</th>
<th>Target Organ(s)</th>
<th>Value</th>
<th>Species</th>
<th>Test Result</th>
<th>Exposure Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimethyl ether</td>
<td>Inhalation</td>
<td>hematopoietic system</td>
<td>Not classified</td>
<td>Rat</td>
<td>NOAEL 25,000 ppm</td>
<td>2 years</td>
</tr>
<tr>
<td>Dimethyl ether</td>
<td>Inhalation</td>
<td>liver</td>
<td>Not classified</td>
<td>Rat</td>
<td>NOAEL 20,000 ppm</td>
<td>30 weeks</td>
</tr>
<tr>
<td>Methyl acetate</td>
<td>Inhalation</td>
<td>respiratory system</td>
<td>Some positive data exist, but the data are not sufficient for classification</td>
<td>Rat</td>
<td>NOAEL 1.1 mg/l</td>
<td>28 days</td>
</tr>
<tr>
<td>Methyl acetate</td>
<td>Inhalation</td>
<td>endocrine system</td>
<td>hematopoietic system</td>
<td>liver</td>
<td>immune system</td>
<td>kidney and/or bladder</td>
</tr>
<tr>
<td>Cyclohexane</td>
<td>Inhalation</td>
<td>liver</td>
<td>Not classified</td>
<td>Rat</td>
<td>NOAEL 24 mg/l</td>
<td>90 days</td>
</tr>
<tr>
<td>Cyclohexane</td>
<td>Inhalation</td>
<td>auditory system</td>
<td>Not classified</td>
<td>Rat</td>
<td>NOAEL 1.7 mg/l</td>
<td>90 days</td>
</tr>
<tr>
<td>Cyclohexane</td>
<td>Inhalation</td>
<td>kidney and/or bladder</td>
<td>Not classified</td>
<td>Rabbit</td>
<td>NOAEL 2.7 mg/l</td>
<td>10 weeks</td>
</tr>
<tr>
<td>Cyclohexane</td>
<td>Inhalation</td>
<td>hematopoietic system</td>
<td>Not classified</td>
<td>Mouse</td>
<td>NOAEL 24 mg/l</td>
<td>14 weeks</td>
</tr>
<tr>
<td>Cyclohexane</td>
<td>Inhalation</td>
<td>peripheral nervous system</td>
<td>Not classified</td>
<td>Rat</td>
<td>NOAEL 8.6 mg/l</td>
<td>30 weeks</td>
</tr>
<tr>
<td>1,1-Difluoroethane</td>
<td>Inhalation</td>
<td>hematopoietic system</td>
<td>kidney and/or bladder</td>
<td>respiratory system</td>
<td>Not classified</td>
<td>Rat</td>
</tr>
</tbody>
</table>

### Aspiration Hazard
<table>
<thead>
<tr>
<th>Name</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cyclohexane</td>
<td>Aspiration hazard</td>
</tr>
<tr>
<td>Light petroleum distillates</td>
<td>Aspiration hazard</td>
</tr>
<tr>
<td>Petroleum Naphtha</td>
<td>Aspiration hazard</td>
</tr>
</tbody>
</table>

Please contact the address or phone number listed on the first page of the SDS for additional toxicological information on this material and/or its components.

### SECTION 12: Ecological information

**Ecotoxicological information**

Please contact the address or phone number listed on the first page of the SDS for additional ecotoxicological information on this material and/or its components.

**Chemical fate information**

Please contact the address or phone number listed on the first page of the SDS for additional chemical fate information on this material and/or its components.

### SECTION 13: Disposal considerations

**13.1. Disposal methods**

Dispose of contents/container in accordance with the local/regional/national/international regulations.

Incinerate in a permitted waste incineration facility. Facility must be capable of handling aerosol cans. Combustion products will include HF. Facility must be capable of handling halogenated materials. As a disposal alternative, utilize an acceptable permitted waste disposal facility. Empty drums/barrels/containers used for transporting and handling hazardous chemicals (chemical substances/mixtures/preparations classified as Hazardous as per applicable regulations) shall be considered, stored, treated & disposed of as hazardous wastes unless otherwise defined by applicable waste regulations. Consult with the respective regulating authorities to determine the available treatment and disposal facilities.

**EPA Hazardous Waste Number (RCRA):** D001 (Ignitable)

### SECTION 14: Transport Information

For Transport Information, please visit [http://3M.com/Transportinfo](http://3M.com/Transportinfo) or call 1-800-364-3577 or 651-737-6501.

### SECTION 15: Regulatory information

**15.1. US Federal Regulations**

Contact 3M for more information.

**EPCRA 311/312 Hazard Classifications:**

**Physical Hazards**
- Flammable (gases, aerosols, liquids, or solids)
- Gas under pressure

**Health Hazards**
- Serious eye damage or eye irritation
- Simple Asphyxiant
- Specific target organ toxicity (single or repeated exposure)
Section 313 Toxic Chemicals subject to the reporting requirements of that section and 40 CFR part 372 (EPCRA):

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>C.A.S. No</th>
<th>% by Wt</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cyclohexane</td>
<td>110-82-7</td>
<td>Trade Secret 7 - 13</td>
</tr>
</tbody>
</table>

15.2. State Regulations
Contact 3M for more information.

15.3. Chemical Inventories
The components of this product are in compliance with the chemical notification requirements of TSCA. All required components of this product are listed on the active portion of the TSCA Inventory.

Contact 3M for more information.

15.4. International Regulations
Contact 3M for more information.

This SDS has been prepared to meet the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200.

SECTION 16: Other information

NFPA Hazard Classification
Health: 2 Flammability: 4 Instability: 1 Special Hazards: None
Aerosol Storage Code: 3

National Fire Protection Association (NFPA) hazard ratings are designed for use by emergency response personnel to address the hazards that are presented by short-term, acute exposure to a material under conditions of fire, spill, or similar emergencies. Hazard ratings are primarily based on the inherent physical and toxic properties of the material but also include the toxic properties of combustion or decomposition products that are known to be generated in significant quantities.

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Supercedes Date: 01/17/18

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