Safety Data Sheet

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Document Group: 23-3830-9
Issue Date: 05/21/15
Version Number: 1.01
Supercedes Date: 07/24/07

Product identifier
Scotch® Spray Adhesives 6094, 6065

ID Number(s):
70-0714-9580-1

Recommended use
Adhesive

Supplier's details
MANUFACTURER: 3M
DIVISION: Stationery and Office Supplies Division
ADDRESS: 3M Center, St. Paul, MN 55144-1000, USA
Telephone: 1-888-3M HELPS (1-888-364-3577)

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

This product is a kit or a multipart product which consists of multiple, independently packaged components. A Safety Data Sheet (SDS), Article Information Sheet (AIS), or Article Information Letter (AIL) for each of these components is included. Please do not separate the component documents from this cover page. The document numbers for components of this product are:
22-0411-3, 26-3876-5

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Document Group: 26-3876-5  
Issue Date: 02/25/16  
Version Number: 5.00  
Supercedes Date: 12/29/14

SECTION 1: Identification

1.1. Product identifier
Photo Mount Spray Adhesive 6090, 6094

Product Identification Numbers
70-0050-3203-5, 70-0050-3946-9, 70-0050-5653-9, 70-0051-8194-9, 70-0051-8195-6, 70-0051-8276-4, 70-0052-6164-2

1.2. Recommended use and restrictions on use

Recommended use
Adhesive

1.3. Supplier’s details

MANUFACTURER: 3M  
DIVISION: Stationery and Office Supplies 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 2A.  
Skin Sensitizer: Category 1.  
Simple Asphyxiant.  
Specific Target Organ Toxicity (single exposure): Category 1.  
Specific Target Organ Toxicity (central nervous system): 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 serious eye irritation.
May cause an allergic skin reaction.
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.
Wear eye/face protection.
Wear protective gloves.
Do not eat, drink or smoke when using this product.
Wash thoroughly after handling.
Contaminated work clothing must not be allowed out of the workplace.

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 ON SKIN: Wash with plenty of soap and water.
If skin irritation or rash occurs: Get medical advice/attention.
Wash contaminated clothing before reuse.
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.
Store in a well-ventilated place. Keep container tightly closed.
Store locked up.

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.
2.3. Hazards not otherwise classified
Intentional misuse by deliberately concentrating and inhaling contents can be harmful or fatal. May cause frostbite.

40% of the mixture consists of ingredients of unknown acute oral toxicity.

### 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>ACETONE</td>
<td>67-64-1</td>
<td>30 - 40</td>
</tr>
<tr>
<td>PROPANE</td>
<td>74-98-6</td>
<td>20 - 40</td>
</tr>
<tr>
<td>CYCLOHEXANE</td>
<td>110-82-7</td>
<td>10 - 30</td>
</tr>
<tr>
<td>NON-HAZARDOUS INGREDIENTS</td>
<td>Trade Secret*</td>
<td>10 - 30</td>
</tr>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>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:**
Immediately wash with soap and water. Remove contaminated clothing and wash before reuse. If signs/symptoms develop, get medical attention.

**Eye Contact:**
Immediately flush with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. 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>Carbon monoxide</td>
<td>During Combustion</td>
</tr>
<tr>
<td>Carbon dioxide</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.

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. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapors, in accordance with good industrial hygiene practice. 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
Avoid release to the environment.

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. Contain spill. Cover spill area with a fire-extinguishing foam. An appropriate aqueous film forming foam (AFFF) is recommended. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Remember, adding an absorbent material does not remove a physical, health, or environmental hazard. Collect as much of the spilled material as possible using non-sparking tools. Place in a metal container approved for transportation by appropriate authorities. Clean up residue with an appropriate solvent selected by a qualified and authorized person. Ventilate the area with fresh air. Read and follow safety precautions on the solvent label and SDS. Seal the container. Dispose of collected material as soon as possible.

SECTION 7: Handling and storage

7.1. Precautions for safe handling
Do not use in a confined area with minimal air exchange. 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. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wash contaminated clothing before reuse. Avoid contact with oxidizing agents (eg. chlorine, chromic acid etc.). Vapors may travel long distances along the ground or floor to an ignition source and flash back.

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>A4: Not class. as human carcin</td>
</tr>
<tr>
<td>ACETONE</td>
<td>67-64-1</td>
<td>ACGIH</td>
<td>TWA:250 ppm; STEL:500 ppm</td>
<td>A4: Not class. as human carcin</td>
</tr>
</tbody>
</table>
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:
- Full Face Shield
- 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

Respiratory protection
Wear respiratory protection if ventilation is inadequate to prevent overexposure. 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

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

Thermal hazards
Wear cold insulating gloves/face shield/eye protection.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Substance</th>
<th>Physical Form</th>
<th>Odor, Color, Grade</th>
<th>Odor threshold</th>
<th>pH</th>
<th>Melting point</th>
<th>Boiling Point</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACETONE</td>
<td>Liquid</td>
<td>Light yellow-gold with solvent odor.</td>
<td>No Data Available</td>
<td>Not Applicable</td>
<td>-40 °F</td>
<td></td>
</tr>
<tr>
<td>PROPANE</td>
<td>Liquid</td>
<td>Light yellow-gold with solvent odor.</td>
<td>No Data Available</td>
<td>Not Applicable</td>
<td>-40 °F</td>
<td></td>
</tr>
</tbody>
</table>
Flash Point
Evaporation rate
Flammability (solid, gas)
Flammable Limits(LEL)
Flammable Limits(UEL)
Vapor Pressure
Vapor Density
Density
Specific Gravity
Solubility in Water
Solubility- non-water
Partition coefficient: n-octanol/ water
Autoignition temperature
Decomposition temperature
Viscosity
Hazardous Air Pollutants
Molecular weight
Volatile Organic Compounds
Percent volatile
VOC Less H2O & Exempt Solvents

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
Sparks and/or flames

10.5. Incompatible materials
None known.

10.6. Hazardous decomposition products
<table>
<thead>
<tr>
<th>Substance</th>
<th>Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td>None known.</td>
<td></td>
</tr>
</tbody>
</table>

Refer to section 5.2 for hazardous decomposition products during combustion.

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:
Intentional concentration and inhalation may be harmful or fatal.

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:
Frostbite: Signs/symptoms may include intense pain, discoloration of skin, and tissue destruction.

Mild Skin Irritation: Signs/symptoms may include localized redness, swelling, itching, and dryness. Allergic Skin Reaction (non-photo induced): Signs/symptoms may include redness, swelling, blistering, and itching.

Eye Contact:
Frostbite: Signs/symptoms may include intense pain, clouding of the cornea, redness, swelling, and blindness.

Severe Eye Irritation: Signs/symptoms may include significant redness, swelling, pain, tearing, cloudy appearance of the cornea, and impaired 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>Ingestion</td>
<td></td>
<td>No data available; calculated ATE &gt; 5,000 mg/kg</td>
</tr>
<tr>
<td>PROPANE</td>
<td>Inhalation- Gas (4 hours)</td>
<td>Rat</td>
<td>LC50 &gt; 200,000 ppm</td>
</tr>
<tr>
<td>ACETONE</td>
<td>Dermal</td>
<td>Rabbit</td>
<td>LD50 &gt; 15,688 mg/kg</td>
</tr>
<tr>
<td>ACETONE</td>
<td>Inhalation- Vapor (4 hours)</td>
<td>Rat</td>
<td>LC50 76 mg/l</td>
</tr>
</tbody>
</table>
ACETONE  
Ingestion  
Rat  
LD50  5,800 mg/kg

CYCLOHEXANE  
Dermal  
Rat  
LD50 > 2,000 mg/kg

CYCLOHEXANE  
Inhalation-Vapor (4 hours)  
Rat  
LC50 > 32.9 mg/l

CYCLOHEXANE  
Ingestion  
Rat  
LD50  6,200 mg/kg

ATE = acute toxicity estimate

Skin Corrosion/Irritation

<table>
<thead>
<tr>
<th>Name</th>
<th>Species</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>PROPANE</td>
<td>Rabbit</td>
<td>Minimal irritation</td>
</tr>
<tr>
<td>ACETONE</td>
<td>Mouse</td>
<td>Minimal irritation</td>
</tr>
<tr>
<td>CYCLOHEXANE</td>
<td>Rabbit</td>
<td>Mild irritant</td>
</tr>
</tbody>
</table>

Serious Eye Damage/Irritation

<table>
<thead>
<tr>
<th>Name</th>
<th>Species</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>PROPANE</td>
<td>Rabbit</td>
<td>Mild irritant</td>
</tr>
<tr>
<td>ACETONE</td>
<td>Rabbit</td>
<td>Severe irritant</td>
</tr>
<tr>
<td>CYCLOHEXANE</td>
<td>Rabbit</td>
<td>Mild irritant</td>
</tr>
</tbody>
</table>

Skin Sensitization
For the component/components, either no data are currently available or the data are not sufficient for classification.

Respiratory Sensitization
For the component/components, either no data are currently available or the data are not sufficient for classification.

Germ Cell Mutagenicity

<table>
<thead>
<tr>
<th>Name</th>
<th>Route</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>PROPANE</td>
<td>In Vitro</td>
<td>Not mutagenic</td>
</tr>
<tr>
<td>ACETONE</td>
<td>In vivo</td>
<td>Not mutagenic</td>
</tr>
<tr>
<td>ACETONE</td>
<td>In Vitro</td>
<td>Some positive data exist, but the data are not sufficient for classification</td>
</tr>
<tr>
<td>CYCLOHEXANE</td>
<td>In Vitro</td>
<td>Not mutagenic</td>
</tr>
<tr>
<td>CYCLOHEXANE</td>
<td>In vivo</td>
<td>Some positive data exist, but the data are not sufficient for classification</td>
</tr>
</tbody>
</table>

Carcinogenicity

<table>
<thead>
<tr>
<th>Name</th>
<th>Route</th>
<th>Species</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACETONE</td>
<td>Not Specified</td>
<td>Multiple animal species</td>
<td>Not carcinogenic</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>ACETONE</td>
<td>Ingestion</td>
<td>Some positive male reproductive data exist, but the data are not sufficient for classification</td>
<td>Rat</td>
<td>NOAEL 1,700 mg/kg/day</td>
<td>13 weeks</td>
</tr>
<tr>
<td>ACETONE</td>
<td>Inhalation</td>
<td>Some positive developmental data exist, but the data are not sufficient for classification</td>
<td>Rat</td>
<td>NOAEL 5.2 mg/l</td>
<td>during organogenesis</td>
</tr>
<tr>
<td>CYCLOHEXANE</td>
<td>Inhalation</td>
<td>Not toxic to 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 toxic to 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>Some positive developmental data exist, but the data are not sufficient for</td>
<td>Rat</td>
<td>NOAEL 6.9 mg/l</td>
<td>2 generation</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>PROPANE</td>
<td>Inhalation</td>
<td>cardiac sensitization</td>
<td>Causes damage to organs</td>
<td>Human</td>
<td>NOAEL Not available</td>
<td></td>
</tr>
<tr>
<td>PROPANE</td>
<td>Inhalation</td>
<td>central nervous system depression</td>
<td>May cause drowsiness or dizziness</td>
<td>Human</td>
<td>NOAEL Not available</td>
<td></td>
</tr>
<tr>
<td>PROPANE</td>
<td>Inhalation</td>
<td>respiratory depression</td>
<td>All data are negative</td>
<td>Human</td>
<td>NOAEL Not available</td>
<td></td>
</tr>
<tr>
<td>ACETONE</td>
<td>Inhalation</td>
<td>central nervous system depression</td>
<td>May cause drowsiness or dizziness</td>
<td>Human</td>
<td>NOAEL Not available</td>
<td></td>
</tr>
<tr>
<td>ACETONE</td>
<td>Inhalation</td>
<td>respiratory irritation</td>
<td>Some positive data exist, but the data are not sufficient for classification</td>
<td>Human</td>
<td>NOAEL Not available</td>
<td></td>
</tr>
<tr>
<td>ACETONE</td>
<td>Inhalation</td>
<td>immune system</td>
<td>Some positive data exist, but the data are not sufficient for classification</td>
<td>Human</td>
<td>NOAEL 1.19 mg/l</td>
<td>6 hours</td>
</tr>
<tr>
<td>ACETONE</td>
<td>Inhalation</td>
<td>liver</td>
<td>Some positive data exist, but the data are not sufficient for classification</td>
<td>Guinea pig</td>
<td>NOAEL Not available</td>
<td></td>
</tr>
<tr>
<td>ACETONE</td>
<td>Ingestion</td>
<td>central nervous system depression</td>
<td>May cause drowsiness or dizziness</td>
<td>Human</td>
<td>NOAEL Not available</td>
<td>poisoning and/or abuse</td>
</tr>
<tr>
<td>CYCLOHEXANE</td>
<td>Inhalation</td>
<td>central nervous system depression</td>
<td>May cause drowsiness or dizziness</td>
<td>Human and animal</td>
<td>NOAEL Not available</td>
<td></td>
</tr>
<tr>
<td>CYCLOHEXANE</td>
<td>Inhalation</td>
<td>respiratory irritation</td>
<td>Some positive data exist, but the data are not sufficient for classification</td>
<td>Human and animal</td>
<td>NOAEL Not available</td>
<td></td>
</tr>
<tr>
<td>CYCLOHEXANE</td>
<td>Ingestion</td>
<td>central nervous system depression</td>
<td>May cause drowsiness or dizziness</td>
<td>Professio nal judgement</td>
<td>NOAEL Not available</td>
<td></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>ACETONE</td>
<td>Dermal</td>
<td>eyes</td>
<td>Some positive data exist, but the data are not sufficient for classification</td>
<td>Guinea pig</td>
<td>NOAEL Not available</td>
<td>3 weeks</td>
</tr>
<tr>
<td>ACETONE</td>
<td>Inhalation</td>
<td>hematopoietic system</td>
<td>Some positive data exist, but the data are not sufficient for classification</td>
<td>Human</td>
<td>NOAEL 3 mg/l</td>
<td>6 weeks</td>
</tr>
<tr>
<td>ACETONE</td>
<td>Inhalation</td>
<td>immune system</td>
<td>Some positive data exist, but the data are not sufficient for classification</td>
<td>Human</td>
<td>NOAEL 1.19 mg/l</td>
<td>6 days</td>
</tr>
<tr>
<td>ACETONE</td>
<td>Inhalation</td>
<td>kidney and/or bladder</td>
<td>Some positive data exist, but the data are not sufficient for classification</td>
<td>Guinea pig</td>
<td>NOAEL 119 mg/l</td>
<td>not available</td>
</tr>
<tr>
<td>ACETONE</td>
<td>Inhalation</td>
<td>heart or liver</td>
<td>All data are negative</td>
<td>Rat</td>
<td>NOAEL 45 mg/l</td>
<td>8 weeks</td>
</tr>
<tr>
<td>ACETONE</td>
<td>Ingestion</td>
<td>kidney and/or bladder</td>
<td>Some positive data exist, but the data are not sufficient for classification</td>
<td>Rat</td>
<td>NOAEL 900 mg/kg/day</td>
<td>13 weeks</td>
</tr>
<tr>
<td>ACETONE</td>
<td>Ingestion</td>
<td>heart</td>
<td>Some positive data exist, but the data are not sufficient for classification</td>
<td>Rat</td>
<td>NOAEL 2,500 mg/kg/day</td>
<td>13 weeks</td>
</tr>
<tr>
<td>ACETONE</td>
<td>Ingestion</td>
<td>hematopoietic system</td>
<td>Some positive data exist, but the data are not sufficient for classification</td>
<td>Rat</td>
<td>NOAEL 200 mg/kg/day</td>
<td>13 weeks</td>
</tr>
<tr>
<td>ACETONE</td>
<td>Ingestion</td>
<td>liver</td>
<td>Some positive data exist, but the data are not sufficient for classification</td>
<td>Mouse</td>
<td>NOAEL 3,896 mg/kg/day</td>
<td>14 days</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>
</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. 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)
For Transport Information, please visit 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.

311/312 Hazard Categories:

- Fire Hazard - Yes
- Pressure Hazard - No
- Reactivity Hazard - No
- Immediate Hazard - Yes
- Delayed Hazard - No

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 10 - 30</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.

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:** 3
- **Flammability:** 4
- **Instability:** 0
- **Special Hazards:** None
- **Aerosol Storage Code:** 2

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.

**HMIS Hazard Classification**

- **Health:** 3
- **Flammability:** 4
- **Physical Hazard:** 0
- **Personal Protection:** X - See PPE section.

Hazardous Material Identification System (HMIS® IV) hazard ratings are designed to inform employees of chemical hazards in the workplace. These ratings are based on the inherent properties of the material under expected conditions of normal use and are not intended for use in emergency situations. HMIS® IV ratings are to be used with a fully implemented HMIS® IV program. HMIS® is a registered mark of the American Coatings Association (ACA).

<table>
<thead>
<tr>
<th>Document Group:</th>
<th>26-3876-5</th>
<th>Version Number:</th>
<th>5.00</th>
</tr>
</thead>
<tbody>
<tr>
<td>Issue Date:</td>
<td>02/25/16</td>
<td>Supersedes Date:</td>
<td>12/29/14</td>
</tr>
</tbody>
</table>

DISCLAIMER: The information in this Safety Data Sheet (SDS) is believed to be correct as of the date issued. 3M MAKES
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3M provides information in electronic form as a service to its customers. Due to the remote possibility that electronic transfer may have resulted in errors, omissions or alterations in this information, 3M makes no representations as to its completeness or accuracy. In addition, information obtained from a database may not be as current as the information in the SDS available directly from 3M

3M USA SDSs are available at www.3M.com
SECTION 1: Identification

1.1. Product identifier
3M(TM) Spray-Mount(TM) Artist's Adhesive 6064, 6065

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>62-4662-2926-7</td>
<td>000-21200-96470-1</td>
<td>62-4662-4827-5</td>
<td>000-21200-30060-8</td>
</tr>
<tr>
<td>62-4662-4828-3</td>
<td>000-21200-31366-0</td>
<td>62-4662-4829-1</td>
<td>000-21200-30060-8</td>
</tr>
<tr>
<td>70-0050-1482-7</td>
<td>500-21200-30060-3</td>
<td>70-0050-1806-7</td>
<td>500-51141-23992-2</td>
</tr>
<tr>
<td>70-0050-8169-3</td>
<td>500-21200-30060-3</td>
<td>70-0050-8838-3</td>
<td>500-51141-23992-2</td>
</tr>
<tr>
<td>70-0052-7864-6</td>
<td>H0-0017-2522-7</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1.2. Recommended use and restrictions on use

Recommended use
Adhesive

1.3. Supplier’s details

MANUFACTURER: 3M
DIVISION: Stationery and Office Supplies 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 2A.
Simple Asphyxiant.
Specific Target Organ Toxicity (single exposure): Category 1.
Specific Target Organ Toxicity (central nervous system): Category 3.

2.2. Label elements
Signal word
Danger

Symbols
Flame | Exclamation mark | Health Hazard |

Pictograms

Hazard Statements
Extremely flammable aerosol.
Contains gas under pressure; may explode if heated.

Causes serious eye irritation.
May cause drowsiness or dizziness.
May displace oxygen and cause rapid suffocation.

Causes damage to organs:
cardiocvascular system |

Precautionary Statements
General:
Keep out of reach of children.

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.
Wear eye/face protection.
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.
Store in a well-ventilated place. Keep container tightly closed.
Store locked up.

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.
2.3. Hazards not otherwise classified
None.

**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>ACETONE</td>
<td>67-64-1</td>
<td>30 - 40 Trade Secret *</td>
</tr>
<tr>
<td>HEPTANE ISOMERS</td>
<td>64742-49-0</td>
<td>20 - 30 Trade Secret *</td>
</tr>
<tr>
<td>ISOBUTANE</td>
<td>75-28-5</td>
<td>20 - 30 Trade Secret *</td>
</tr>
<tr>
<td>PROPANE</td>
<td>74-98-6</td>
<td>7 - 13 Trade Secret *</td>
</tr>
<tr>
<td>NON-VOLATILE COMPONENTS - N.J. TRADE SECRET REGISTRY NO. 04499600-6201P++</td>
<td>Trade Secret*</td>
<td>5 - 10 Trade Secret *</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:**
Immediately flush with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. 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>Carbon monoxide</td>
<td>During Combustion</td>
</tr>
<tr>
<td>Carbon dioxide</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.

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
Avoid release to the environment.

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. Contain spill. Cover spill area with a fire-extinguishing foam. An appropriate aqueous film forming foam (AFFF) is recommended. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Remember, adding an absorbent material does not remove a physical, health, or environmental hazard. Collect as much of the spilled material as possible using non-sparking tools. Place in a metal container approved for transportation by appropriate authorities. Clean up residue with an appropriate solvent selected by a qualified and authorized person. Ventilate the area with fresh air. Read and follow safety precautions on the solvent label and SDS. Seal the container. Dispose of collected material as soon as possible.

SECTION 7: Handling and storage

7.1. Precautions for safe handling
Do not use in a confined area with minimal air exchange. Keep out of reach of children. 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. 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>HEPTANE ISOMERS</td>
<td>64742-49-0</td>
<td>CMRG</td>
<td>TWA:50 ppm</td>
<td></td>
</tr>
<tr>
<td>ACETONE</td>
<td>67-64-1</td>
<td>ACGIH</td>
<td>TWA:250 ppm; STEL:500 ppm</td>
<td>A4: Not class. as human carcin</td>
</tr>
<tr>
<td>ACETONE</td>
<td>67-64-1</td>
<td>OSHA</td>
<td>TWA:2400 mg/m3(1000 ppm)</td>
<td></td>
</tr>
<tr>
<td>PROPANE</td>
<td>74-98-6</td>
<td>ACGIH</td>
<td>TWA:1800 mg/m3(1000 ppm)</td>
<td></td>
</tr>
<tr>
<td>PROPANE</td>
<td>74-98-6</td>
<td>OSHA</td>
<td>TWA:1800 mg/m3(1000 ppm)</td>
<td></td>
</tr>
<tr>
<td>ISOBUTANE</td>
<td>75-28-5</td>
<td>ACGIH</td>
<td>STEL:1000 ppm</td>
<td></td>
</tr>
</tbody>
</table>
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.
Gloves made from the following material(s) are recommended: Butyl Rubber

Respiratory protection
In case of inadequate ventilation wear 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 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

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Physical Form:</td>
<td>Liquid</td>
</tr>
<tr>
<td>Specific Physical Form:</td>
<td>Aerosol</td>
</tr>
<tr>
<td>Odor, Color, Grade:</td>
<td>Mild Solvent Odor/Clear-light yellow</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>No Data Available</td>
</tr>
<tr>
<td>pH</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Melting point</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Flash Point</td>
<td>-50.00 °F [Test Method: Tagliabue Closed Cup] [Details: CONDITIONS: Propellant]</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>No Data Available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Flammable Limits(LEL)</td>
<td>Approximately 1.85 % volume</td>
</tr>
</tbody>
</table>
Flammable Limits (UEL) Approximately 9.9 % volume
Vapor Density No Data Available
Density 0.673 g/ml
Specific Gravity 0.673 [Ref Std: WATER=1]
Solubility in Water Negligible
Solubility- non-water No Data Available
Partition coefficient: n-octanol/ water No Data Available
Autoignition temperature No Data Available
Decomposition temperature No Data Available
Viscosity Not Applicable
Hazardous Air Pollutants 0 % weight [Test Method: Calculated]
Volatile Organic Compounds Approximately 58 % weight
Percent volatile Approximately 91 % weight
VOC Less H2O & Exempt Solvents Approximately 538 g/l [Test Method: calculated SCAQMD rule 443.1]

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
Sparks and/or flames

10.5. Incompatible materials
None known.

10.6. Hazardous decomposition products

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

Refer to section 5.2 for hazardous decomposition products during combustion.

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:
Intentional concentration and inhalation may be harmful or fatal.

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:
Severe Eye Irritation: Signs/symptoms may include significant redness, swelling, pain, tearing, cloudy appearance of the cornea, and impaired 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>ACETONE</td>
<td>Dermal</td>
<td>Rabbit</td>
<td>LD50 &gt; 15,688 mg/kg</td>
</tr>
<tr>
<td>ACETONE</td>
<td>Inhalation-Vapor (4 hours)</td>
<td>Rat</td>
<td>LC50 76 mg/l</td>
</tr>
<tr>
<td>ACETONE</td>
<td>Ingestion</td>
<td>Rat</td>
<td>LD50 &gt; 5,800 mg/kg</td>
</tr>
<tr>
<td>ISOBUTANE</td>
<td>Inhalation-Gas (4 hours)</td>
<td>Rat</td>
<td>LC50 276,000 ppm</td>
</tr>
<tr>
<td>HEPTANE ISOMERS</td>
<td>Dermal</td>
<td>Rabbit</td>
<td>LD50 &gt; 3,160 mg/kg</td>
</tr>
<tr>
<td>HEPTANE ISOMERS</td>
<td>Inhalation-Vapor (4 hours)</td>
<td>Rat</td>
<td>LC50 &gt; 14.7 mg/l</td>
</tr>
<tr>
<td>HEPTANE ISOMERS</td>
<td>Ingestion</td>
<td>Rat</td>
<td>LD50 &gt; 5,000 mg/kg</td>
</tr>
<tr>
<td>PROPANE</td>
<td>Inhalation-Gas (4 hours)</td>
<td>Rat</td>
<td>LC50 &gt; 200,000 ppm</td>
</tr>
</tbody>
</table>
### Skin Corrosion/Irritation

<table>
<thead>
<tr>
<th>Name</th>
<th>Species</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACETONE</td>
<td>Mouse</td>
<td>Minimal irritation</td>
</tr>
<tr>
<td>ISOBUTANE</td>
<td>Professio nal judgement</td>
<td>No significant irritation</td>
</tr>
<tr>
<td>HEPTANE ISOMERS</td>
<td>Rabbit</td>
<td>Irritant</td>
</tr>
<tr>
<td>PROPANE</td>
<td>Rabbit</td>
<td>Minimal irritation</td>
</tr>
<tr>
<td>NON-VOLATILE COMPONENTS - N.J. TRADE SECRET REGISTRY NO. 04499600-6201P++</td>
<td>Professio nal judgement</td>
<td>No significant irritation</td>
</tr>
</tbody>
</table>

### Serious Eye Damage/Irritation

<table>
<thead>
<tr>
<th>Name</th>
<th>Species</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACETONE</td>
<td>Rabbit</td>
<td>Severe irritant</td>
</tr>
<tr>
<td>ISOBUTANE</td>
<td>Professio nal judgement</td>
<td>No significant irritation</td>
</tr>
<tr>
<td>HEPTANE ISOMERS</td>
<td>Rabbit</td>
<td>Mild irritant</td>
</tr>
<tr>
<td>PROPANE</td>
<td>Rabbit</td>
<td>Mild irritant</td>
</tr>
</tbody>
</table>

### Skin Sensitization

<table>
<thead>
<tr>
<th>Name</th>
<th>Species</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>HEPTANE ISOMERS</td>
<td>Guinea pig</td>
<td>Not sensitizing</td>
</tr>
<tr>
<td>NON-VOLATILE COMPONENTS - N.J. TRADE SECRET REGISTRY NO. 04499600-6201P++</td>
<td>Professio nal judgement</td>
<td>Not sensitizing</td>
</tr>
</tbody>
</table>

### Respiratory Sensitization

For the component/components, either no data are currently available or the data are not sufficient for classification.

### Germ Cell Mutagenicity

<table>
<thead>
<tr>
<th>Name</th>
<th>Route</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACETONE</td>
<td>In vivo</td>
<td>Not mutagenic</td>
</tr>
<tr>
<td>ACETONE</td>
<td>In Vitro</td>
<td>Some positive data exist, but the data are not sufficient for classification</td>
</tr>
<tr>
<td>ISOBUTANE</td>
<td>In Vitro</td>
<td>Not mutagenic</td>
</tr>
<tr>
<td>HEPTANE ISOMERS</td>
<td>In Vitro</td>
<td>Not mutagenic</td>
</tr>
<tr>
<td>PROPANE</td>
<td>In Vitro</td>
<td>Not mutagenic</td>
</tr>
</tbody>
</table>

### Carcinogenicity

<table>
<thead>
<tr>
<th>Name</th>
<th>Route</th>
<th>Species</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACETONE</td>
<td>Not Specified</td>
<td>Multiple animal species</td>
<td>Not carcinogenic</td>
</tr>
<tr>
<td>HEPTANE ISOMERS</td>
<td>Inhalation</td>
<td>Mouse</td>
<td>Some positive data exist, but the data are not sufficient for classification</td>
</tr>
</tbody>
</table>

### Reproductive Toxicity
### Reproductive and/or Developmental Effects

| Name          | Route     | Value                                                                 | Species  | Test Result       | Exposure Duration |
|---------------|-----------|                                                                      |          |                  |                  |
| ACETONE       | Ingestion | Some positive male reproductive data exist, but the data are not sufficient for classification | Rat      | NOAEL 1,700 mg/kg/day | 13 weeks         |
| ACETONE       | Inhalation| Some positive developmental data exist, but the data are not sufficient for classification | Rat      | NOAEL 5.2 mg/l    | during organogenesis |

### Target Organ(s)

#### Specific Target Organ Toxicity - single exposure

| Name          | Route     | Target Organ(s)                                      | Value                                                                 | Species          | Test Result       | Exposure Duration |
|---------------|-----------|------------------------------------------------------|                                                                      |                  |                  |                  |
| ACETONE       | Inhalation| central nervous system depression                    | May cause drowsiness or dizziness                                   | Human            | NOAEL Not available |                  |
| ACETONE       | Inhalation| respiratory irritation                                | Some positive data exist, but the data are not sufficient for classification | Human            | NOAEL Not available |                  |
| ACETONE       | Inhalation| immune system                                       | Some positive data exist, but the data are not sufficient for classification | Human            | NOAEL 1.19 mg/l   | 6 hours           |
| ACETONE       | Inhalation| liver                                                | Some positive data exist, but the data are not sufficient for classification | Guinea pig      | NOAEL Not available |                  |
| ACETONE       | Ingestion | central nervous system depression                    | May cause drowsiness or dizziness                                   | Human            | NOAEL Not available | poisoning and/or abuse |
| ISOBUTANE     | Inhalation| cardiac sensitization                                | Causes damage to organs                                            | Multiple animal species | NOAEL Not available |                  |
| ISOBUTANE     | Inhalation| central nervous system depression                    | May cause drowsiness or dizziness                                   | Human and animal | NOAEL Not available |                  |
| ISOBUTANE     | Inhalation| respiratory irritation                                | All data are negative                                              | Mouse            | NOAEL Not available |                  |
| HEPTANE ISOMERS | Inhalation | central nervous system depression                    | May cause drowsiness or dizziness                                   | Human and animal | NOAEL Not available |                  |
| HEPTANE ISOMERS | Inhalation | respiratory irritation                                | Some positive data exist, but the data are not sufficient for classification | NOAEL Not available |                  |                  |
| HEPTANE ISOMERS | Ingestion | central nervous system depression                    | May cause drowsiness or dizziness                                   | Professio nal judgement | NOAEL Not available |                  |
| PROPANE       | Inhalation| cardiac sensitization                                | Causes damage to organs                                            | Human            | NOAEL Not available |                  |
| PROPANE       | Inhalation| central nervous system depression                    | May cause drowsiness or dizziness                                   | Human            | NOAEL Not available |                  |
| PROPANE       | Inhalation| respiratory irritation                                | All data are negative                                              | Human            | NOAEL Not available |                  |

#### Specific Target Organ Toxicity - repeated exposure

| Name          | Route     | Target Organ(s)                                      | Value                                                                 | Species          | Test Result       | Exposure Duration |
|---------------|-----------|------------------------------------------------------|                                                                      |                  |                  |                  |
| ACETONE       | Dermal    | eyes                                                 | Some positive data exist, but the data are not sufficient for classification | Guinea pig      | NOAEL Not available | 3 weeks           |
| ACETONE       | Inhalation| hematopoietic system                                 | Some positive data exist, but the data are not sufficient for classification | Human           | NOAEL 3 mg/l      | 6 weeks           |
| ACETONE       | Inhalation| immune system                                       | Some positive data exist, but the data are not sufficient for classification | Human           | NOAEL 1.19 mg/l   | 6 days            |
ACETONE
Inhalation
kidney and/or bladder
Some positive data exist, but the data are not sufficient for classification
Guinea pig
NOAEL 119 mg/l
not available

ACETONE
Inhalation
heart | liver
All data are negative
Rat
NOAEL 45 mg/l
8 weeks

ACETONE
Ingestion
kidney and/or bladder
Some positive data exist, but the data are not sufficient for classification
Rat
NOAEL 900 mg/kg/day
13 weeks

ACETONE
Ingestion
heart
Some positive data exist, but the data are not sufficient for classification
Rat
NOAEL 2,500 mg/kg/day
13 weeks

ACETONE
Ingestion
hematopoietic system
Some positive data exist, but the data are not sufficient for classification
Rat
NOAEL 200 mg/kg/day
13 weeks

ACETONE
Ingestion
liver
Some positive data exist, but the data are not sufficient for classification
Mouse
NOAEL 3,896 mg/kg/day
14 days

ACETONE
Ingestion
eyes
All data are negative
Rat
NOAEL 3,400 mg/kg/day
13 weeks

ACETONE
Ingestion
respiratory system
All data are negative
Rat
NOAEL 2,500 mg/kg/day
13 weeks

ACETONE
Ingestion
muscles
All data are negative
Rat
NOAEL 2,500 mg/kg
13 weeks

ACETONE
Ingestion
skin | bone, teeth, nails, and/or hair
All data are negative
Mouse
NOAEL 11,298 mg/kg/day
13 weeks

ISOBUTANE
Inhalation
kidney and/or bladder
Some positive data exist, but the data are not sufficient for classification
Rat
NOAEL 4,500 ppm
13 weeks

### Aspiration Hazard

<table>
<thead>
<tr>
<th>Name</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>HEPTANE ISOMERS</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.

Dispose of completely cured (or polymerized) material in a permitted industrial waste facility. As a disposal alternative, incinerate uncured product in a permitted waste incineration facility. Facility must be capable of handling aerosol cans. If no other disposal options are available, waste product that has been completely cured or polymerized may be placed in a landfill properly designed for industrial waste. 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 or call 1-800-364-3577 or 651-737-6501.

### SECTION 15: Regulatory information

#### 15.1. US Federal Regulations
Contact 3M for more information.

**311/312 Hazard Categories:**
- Fire Hazard - Yes
- Pressure Hazard - Yes
- Reactivity Hazard - No
- Immediate Hazard - Yes
- Delayed Hazard - No

#### 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.

Contact 3M for more information.

#### 15.4. International Regulations
Non hazardous according to WHMIS criteria.

Contact 3M for more information.

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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: 3
- Flammability: 4
- Instability: 0
- 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.

**HMIS Hazard Classification**
- Health: *3
- Flammability: 4
- Physical Hazard: 0
- Personal Protection: X - See PPE section.

Hazardous Material Identification System (HMIS® IV) hazard ratings are designed to inform employees of chemical hazards in the workplace. These ratings are based on the inherent properties of the material under expected conditions of normal use and are not intended for use in emergency situations. HMIS® IV ratings are to be used with a fully implemented HMIS® IV program. HMIS® is a registered mark of the American Coatings Association (ACA).
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