



Safety Data Sheet

Copyright,2020, 3M Canada Company. All rights reserved. Copying and/or downloading of this information for the purpose of properly utilizing 3M products is allowed provided that: (1) the information is copied in full with no changes unless prior written agreement is obtained from 3M, and (2) neither the copy nor the original is resold or otherwise distributed with the intention of earning a profit thereon.

Document group: 08-6485-0 **Version number:** 11.03
Issue Date: 2020/10/20 **Supersedes Date:** 2020/07/20

This Safety Data Sheet has been prepared in accordance with the Canadian Hazardous Products Regulations.

SECTION 1: Identification

1.1. Product identifier

3M(TM) ADHESIVE REMOVER 6040 / 6041 (AEROSOL)

Product Identification Numbers

62-4667-2925-8 62-4667-2928-2 62-4667-2930-8 62-4667-2935-7 62-4667-4930-6
62-4667-4932-2 62-4667-4935-5

1.2. Recommended use and restrictions on use

Intended Use

adhesive remover

Restrictions on use

Not applicable

1.3. Supplier's details

Company: 3M Canada Company
Division: Industrial Adhesives and Tapes Division
Address: 1840 Oxford Street East, Post Office Box 5757, London, Ontario N6A 4T1
Telephone: (800) 364-3577
Website: www.3M.ca

1.4. Emergency telephone number

Medical Emergency Telephone: 1-800-3M HELPS / 1-800-364-3577; Transportation Emergency Telephone (CANUTEC): (613) 996-6666

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

Flammable Aerosol: Category 1.
Gas Under Pressure: Liquefied gas.
Skin Sensitizer: Category 1B.
Carcinogenicity: Category 1B.
Specific Target Organ Toxicity (single exposure): Category 1.

2.2. Label elements

3M(TM) ADHESIVE REMOVER 6040 / 6041 (AEROSOL)

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.

May cause an allergic skin reaction. May cause cancer.

Causes damage to organs: cardiovascular system |

Precautionary statements

Prevention:

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Do not breathe dust/fume/gas/mist/vapours/spray. Wear protective gloves. Do not eat, drink or smoke when using this product. Wash exposed skin thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace.

Response:

IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. IF exposed or concerned: Get medical advice/attention. Specific treatment (see Notes to Physician on this label).

Storage:

Protect from sunlight. Store in a well-ventilated place. Do not expose to temperatures exceeding 50 C/ 122 F. 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. Other hazards

None known.

2% of the mixture consists of ingredients of unknown acute inhalation toxicity.

SECTION 3: Composition/information on ingredients

This material is a mixture.

| Ingredient | C.A.S. No. | % by Wt | Common Name |
|----------------|------------|-------------------------|--|
| Citrus extract | 5989-27-5 | 80 - 100 Trade Secret * | Cyclohexene, 1-methyl-4-(1-methylethenyl)-, (R)- |
| Propane | 74-98-6 | 10 - 30 Trade Secret * | Propane |

3M(TM) ADHESIVE REMOVER 6040 / 6041 (AEROSOL)

| | | | |
|---------|----------|----------|--------------------------------------|
| Myrcene | 123-35-3 | 0 - 2.55 | 1,6-Octadiene, 7-methyl-3-methylene- |
|---------|----------|----------|--------------------------------------|

*The actual concentration of this ingredient 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:

Flush eyes with large amounts of water. 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

| <u>Substance</u> | <u>Condition</u> |
|------------------|-------------------|
| Aldehydes | During Combustion |
| Hydrocarbons | During Combustion |
| Carbon monoxide | During Combustion |
| Carbon dioxide | During Combustion |
| Ketones | During Combustion |

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 vapours, in accordance with good industrial hygiene practice. Warning! A motor could be an ignition source and could cause flammable gases or vapours 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.

3M(TM) ADHESIVE REMOVER 6040 / 6041 (AEROSOL)

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. Contain spill. Cover spill area with a fire-extinguishing foam. 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 in accordance with applicable local/regional/national/international regulations.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Keep out of reach of children. Do not handle until all safety precautions have been read and understood. 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/vapours/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. Wash contaminated clothing before reuse. Avoid contact with oxidizing agents (eg. chlorine, chromic acid etc.) Use personal protective equipment (gloves, respirators, etc.) as required.

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.

| Ingredient | C.A.S. No. | Agency | Limit type | Additional Comments |
|--|------------|--------|--------------------------------------|---------------------|
| Cyclohexene, 1-methyl-4-(1-methylethenyl)- | 5989-27-5 | AIHA | TWA:165.5 mg/m ³ (30 ppm) | |
| Propane | 74-98-6 | ACGIH | Limit value not established: | simple asphyxiant |

ACGIH : American Conference of Governmental Industrial Hygienists

AIHA : American Industrial Hygiene Association

CMRG : Chemical Manufacturer's Recommended Guidelines

TWA: Time-Weighted-Average

STEL: Short Term Exposure Limit

CEIL: Ceiling

8.2. Exposure controls

8.2.1. Engineering controls

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/vapours/spray. If ventilation is not adequate, use respiratory protection equipment. Use explosion-proof ventilation equipment.

8.2.2. Personal protective equipment (PPE)

3M(TM) ADHESIVE REMOVER 6040 / 6041 (AEROSOL)

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

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 vapours and particulates

Half facepiece or full facepiece supplied-air respirator

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

| | |
|---|---|
| Physical state | Liquid aerosol |
| Specific Physical Form: | Aerosol |
| Colour | Light Yellow |
| Odour | Sweet Odour |
| Odour threshold | <i>No Data Available</i> |
| pH | <i>Not Applicable</i> |
| Melting point/Freezing point | <i>No Data Available</i> |
| Boiling point | <i>Not Applicable</i> |
| Flash Point | -45.6 °C |
| Evaporation rate | <i>No Data Available</i> |
| Flammability (solid, gas) | Not Applicable |
| Flammable Limits(LEL) | 2.1 % volume [<i>Details:CONDITIONS: PROPANE</i>] |
| Flammable Limits(UEL) | 9.5 % volume [<i>Details:CONDITIONS: PROPANE</i>] |
| Vapour Pressure | 3,733 Pa [<i>@ 20 °C</i>] [<i>Details:Composite Vapour Pressure (Calculated)</i>] |
| Viscosity/Kinematic Viscosity Viscosity/Kinematic Viscosity | <i>Not Applicable</i> |
| Density | 0.793 g/ml |
| Relative density | 0.793 [<i>Ref Std: WATER=1</i>] |
| Water solubility | Nil |

3M(TM) ADHESIVE REMOVER 6040 / 6041 (AEROSOL)

| | |
|--|--|
| Solubility- non-water | <i>No Data Available</i> |
| Partition coefficient: n-octanol/ water | <i>No Data Available</i> |
| Autoignition temperature | <i>No Data Available</i> |
| Decomposition temperature | <i>No Data Available</i> |
| Viscosity/Kinematic Viscosity | <i>Not Applicable</i> |
| Volatile Organic Compounds | 100 % [<i>Test Method:calculated per CARB title 2</i>] |
| Percent volatile | Approximately 100 % weight |
| VOC Less H2O & Exempt Solvents | |

Nanoparticles

This material does not contain nanoparticles.

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

| <u>Substance</u> | <u>Condition</u> |
|------------------|------------------|
|------------------|------------------|

None known.

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:

May be harmful if inhaled. 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:

3M(TM) ADHESIVE REMOVER 6040 / 6041 (AEROSOL)

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:

Contact with the eyes during product use is not expected to result in significant irritation.

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:**

Single exposure, above recommended guidelines, may cause:

Cardiac Sensitization: Signs/symptoms may include irregular heartbeat (arrhythmia), faintness, chest pain, and may be fatal.

Carcinogenicity:

Contains a chemical or chemicals which can cause cancer.

| Ingredient | CAS No. | Class Description | Regulation |
|------------|----------|-------------------------------|---|
| Myrcene | 123-35-3 | Grp. 2B: Possible human carc. | International Agency for Research on Cancer |

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

| Name | Route | Species | Value |
|-----------------|----------------------------|---------|--|
| Overall product | Inhalation-Vapor(4 hr) | | No data available; calculated ATE20 - 50 mg/l |
| Overall product | Ingestion | | No data available; calculated ATE >5,000 mg/kg |
| Citrus extract | Inhalation-Vapor (4 hours) | Mouse | LC50 > 3.14 mg/l |
| Citrus extract | Dermal | Rabbit | LD50 > 5,000 mg/kg |
| Citrus extract | Ingestion | Rat | LD50 4,400 mg/kg |
| Propane | Inhalation-Gas (4 hours) | Rat | LC50 > 200,000 ppm |
| Myrcene | Dermal | Rabbit | LD50 > 5,000 mg/kg |
| Myrcene | Ingestion | Rat | LD50 > 5,000 mg/kg |

ATE = acute toxicity estimate

Skin Corrosion/Irritation

| Name | Species | Value |
|----------------|---------------|--------------------|
| Citrus extract | Rabbit | Mild irritant |
| Propane | Rabbit | Minimal irritation |
| Myrcene | In vitro data | Irritant |

Serious Eye Damage/Irritation

| Name | Species | Value |
|----------------|---------|-----------------|
| Citrus extract | Rabbit | Mild irritant |
| Propane | Rabbit | Mild irritant |
| Myrcene | Rabbit | Severe irritant |

3M(TM) ADHESIVE REMOVER 6040 / 6041 (AEROSOL)**Skin Sensitization**

| Name | Species | Value |
|----------------|---------|----------------|
| Citrus extract | Mouse | Sensitizing |
| Myrcene | Mouse | Not classified |

Respiratory Sensitization

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

Germ Cell Mutagenicity

| Name | Route | Value |
|----------------|----------|---------------|
| Citrus extract | In Vitro | Not mutagenic |
| Citrus extract | In vivo | Not mutagenic |
| Propane | In Vitro | Not mutagenic |
| Myrcene | In Vitro | Not mutagenic |
| Myrcene | In vivo | Not mutagenic |

Carcinogenicity

| Name | Route | Species | Value |
|----------------|-----------|-------------------------|--|
| Citrus extract | Ingestion | Rat | Some positive data exist, but the data are not sufficient for classification |
| Myrcene | Ingestion | Multiple animal species | Carcinogenic |

Reproductive Toxicity**Reproductive and/or Developmental Effects**

| Name | Route | Value | Species | Test result | Exposure Duration |
|----------------|-----------|--|-------------------------|---------------------|--------------------------------|
| Citrus extract | Ingestion | Not classified for female reproduction | Rat | NOAEL 750 mg/kg/day | prematuring & during gestation |
| Citrus extract | Ingestion | Not classified for development | Multiple animal species | NOAEL 591 mg/kg/day | during organogenesis |
| Myrcene | Ingestion | Not classified for male reproduction | Rat | NOAEL 500 mg/kg/day | 90 days |
| Myrcene | Ingestion | Not classified for female reproduction | Rat | NOAEL 300 mg/kg/day | prematuring into lactation |
| Myrcene | Ingestion | Not classified for development | Rat | NOAEL 300 mg/kg/day | prematuring into lactation |

Target Organ(s)**Specific Target Organ Toxicity - single exposure**

| Name | Route | Target Organ(s) | Value | Species | Test result | Exposure Duration |
|----------------|------------|-----------------------------------|--|------------------------|---------------------|-------------------|
| Citrus extract | Ingestion | nervous system | Not classified | | 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 | Not classified | Human | NOAEL Not available | |
| Myrcene | Inhalation | respiratory irritation | Some positive data exist, but the data are not sufficient for classification | similar health hazards | NOAEL not available | |

Specific Target Organ Toxicity - repeated exposure

| Name | Route | Target Organ(s) | Value | Species | Test result | Exposure Duration |
|------|-------|-----------------|-------|---------|-------------|-------------------|
|------|-------|-----------------|-------|---------|-------------|-------------------|

3M(TM) ADHESIVE REMOVER 6040 / 6041 (AEROSOL)

| | | | | | | |
|----------------|-----------|---|--|-------|-----------------------|-----------|
| Citrus extract | Ingestion | kidney and/or bladder | Not classified | Rat | LOAEL 75 mg/kg/day | 103 weeks |
| Citrus extract | Ingestion | liver | Not classified | Mouse | NOAEL 1,000 mg/kg/day | 103 weeks |
| Citrus extract | Ingestion | heart endocrine system bone, teeth, nails, and/or hair hematopoietic system immune system muscles nervous system respiratory system | Not classified | Rat | NOAEL 600 mg/kg/day | 103 weeks |
| Myrcene | Ingestion | immune system | Some positive data exist, but the data are not sufficient for classification | Rat | NOAEL 500 mg/kg/day | 14 weeks |
| Myrcene | Ingestion | kidney and/or bladder | Some positive data exist, but the data are not sufficient for classification | Rat | LOAEL 250 mg/kg/day | 14 weeks |
| Myrcene | Ingestion | hematopoietic system | Some positive data exist, but the data are not sufficient for classification | Rat | NOAEL 1,000 mg/kg/day | 14 weeks |
| Myrcene | Ingestion | gastrointestinal tract liver respiratory system heart skin endocrine system bone, teeth, nails, and/or hair nervous system eyes | Not classified | Rat | NOAEL 2,000 mg/kg/day | 14 weeks |

Aspiration Hazard

| Name | Value |
|----------------|-------------------|
| Citrus extract | Aspiration hazard |
| Myrcene | Aspiration hazard |

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

No data available.

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. 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.

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. Safety, health and environmental regulations/legislation specific for the substance or mixture

Global inventory status

Contact 3M for more information. The components of this material are in compliance with the provisions of Australia National Industrial Chemical Notification and Assessment Scheme (NICNAS). Certain restrictions may apply. Contact the selling division for additional information. The components of this material are in compliance with the provisions of Japan Chemical Substance Control Law. Certain restrictions may apply. Contact the selling division for additional information. The components of this material are in compliance with the provisions of Philippines RA 6969 requirements. Certain restrictions may apply. Contact the selling division for additional information. The components of this product are in compliance with the new substance notification requirements of CEPA. This product complies with Measures on Environmental Management of New Chemical Substances. All ingredients are listed on or exempt from on China IECSC inventory. 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.

SECTION 16: Other information

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.

Health: 2 **Flammability:** 4 **Instability:** 1 **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.

| | | | |
|------------------------|------------|-------------------------|------------|
| Document group: | 08-6485-0 | Version number: | 11.03 |
| Issue Date: | 2020/10/20 | Supercedes Date: | 2020/07/20 |

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

3M Canada SDSs are available at www.3M.ca