



## Safety Data Sheet

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

### SECTION 1: Identification

#### 1.1. Product identifier

3M™ General Purpose Adhesive Cleaner, PN 08987

#### Product Identification Numbers

60-4550-4585-0

#### 1.2. Recommended use and restrictions on use

##### Intended Use

Specialty Adhesive Remover (Automotive)

##### Specific Use

Automotive Adhesive Remover

##### Restrictions on use

Not applicable

#### 1.3. Supplier's details

|                   |  |
|-------------------|--|
| <b>Company:</b>   | 3M Canada Company  |
| <b>Division:</b>  | Automotive Aftermarket   |
| <b>Address:</b>   | 1840 Oxford Street East, Post Office Box 5757, London, Ontario N6A 4T1 |
| <b>Telephone:</b> | (800) 364-3577   |
| <b>Website:</b>   | 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 Corrosion/Irritation: Category 2.  
Aspiration Hazard: Category 1.  
Carcinogenicity: Category 2.

Specific Target Organ Toxicity (single exposure): Category 1.  
Specific Target Organ Toxicity (single exposure): Category 3.  
Specific Target Organ Toxicity (repeated exposure): Category 1.

## 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 skin irritation. May be fatal if swallowed and enters airways. May cause drowsiness or dizziness. Suspected of causing cancer.  
Causes damage to organs: cardiovascular system | sensory organs |

Causes damage to organs through prolonged or repeated exposure: nervous system |  
May cause damage to organs through prolonged or repeated exposure: sensory organs |

### Precautionary statements

#### General:

Keep out of reach of children.

#### 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. Use only outdoors or in a well-ventilated area. Wear protective gloves. Do not eat, drink or smoke when using this product. Wash exposed skin thoroughly after handling.

#### Response:

IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. Do NOT induce vomiting. IF SWALLOWED: Immediately call a POISON CENTRE or doctor/physician. IF exposed or concerned: Call a POISON CENTRE or doctor/physician. Get medical advice/attention if you feel unwell.

#### 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. Other hazards

None known.

15% 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                              |
|---|------------|------------------------|--|
| Xylene  | 1330-20-7  | 30 - 60 Trade Secret * | Dimethylbenzene                          |
| Solvent Naphtha (Petroleum),<br>Light Aliphatic | 64742-89-8 | 15 - 40 Trade Secret * | Solvent naphtha, petroleum, light aliph. |
| Propane   | 74-98-6    | 10 - 30 Trade Secret * | Propane                                  |
| Ethylbenzene                                    | 100-41-4   | 7 - 13 Trade Secret *  | Benzene, ethyl-                          |
| Toluene   | 108-88-3   | < 0.1                  | No Data Available                        |

\*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:**

Immediately flush with large amounts of water for at least 15 minutes. Remove contact lenses if easy to do. Continue rinsing. Immediately get medical attention.

**If Swallowed:**

Do not induce vomiting. Get immediate 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

**Substance**

Carbon monoxide  
Carbon dioxide

**Condition**

During Combustion  
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.

### 6.2. Environmental precautions

Avoid release to the environment. 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. 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

Do not use in a confined area with minimal air exchange. 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. 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. Keep container tightly closed. Protect from sunlight. Do not expose to temperatures exceeding 50C/122F. Protect from sunlight. Store in a well-ventilated place. 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 |
|--------------|------------|--------|--------------------------|---------------------|
| Ethylbenzene | 100-41-4   | ACGIH  | TWA:20 ppm               |                     |
| Toluene      | 108-88-3   | ACGIH  | TWA:20 ppm               |                     |
| Xylene       | 1330-20-7  | ACGIH  | TWA:100 ppm;STEL:150 ppm |                     |

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|         |         |       |                              |                   |
|---------|---------|-------|------------------------------|-------------------|
| 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.

#### 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:

Safety Glasses with side shields

##### 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: Fluoroelastomer

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

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

|                                     |  |
|-------------------------------------|--|
| <b>Physical state</b>               | Liquid   |
| <b>Specific Physical Form:</b>      | Aerosol  |
| <b>Colour</b>                       | Colourless   |
| <b>Odour</b>                        | Solvent  |
| <b>Odour threshold</b>              | <i>No Data Available</i>                               |
| <b>pH</b>                           | <i>Not Applicable</i>                                  |
| <b>Melting point/Freezing point</b> | <i>Not Applicable</i>                                  |
| <b>Boiling point</b>                | 162.8 °C [ <i>Details:CONDITIONS: Compressed Gas</i> ] |
| <b>Flash Point</b>                  | -41.1 °C [ <i>Details:(Propellant)</i> ]               |
| <b>Evaporation rate</b>             | <i>No Data Available</i>                               |
| <b>Flammability (solid, gas)</b>    | Not Applicable   |
| <b>Flammable Limits(LEL)</b>        | <i>No Data Available</i>                               |

|   |   |
|---|---|
| <b>Flammable Limits(UEL)</b>  | <i>No Data Available</i>  |
| <b>Vapour Pressure</b>  | 344,737.9 Pa [ <i>Details:CONDITIONS: @ 21.1C</i> ]             |
| <b>Viscosity/Kinematic Viscosity      Viscosity/Kinematic Viscosity</b> | >=1 [ <i>Ref Std:AIR=1</i> ]                                    |
| <b>Density</b>  | 0.738 g/ml  |
| <b>Relative density</b>   | 0.738 [ <i>Ref Std:WATER=1</i> ]                                |
| <b>Water solubility</b>   | Nil   |
| <b>Solubility- non-water</b>  | <i>No Data Available</i>  |
| <b>Partition coefficient: n-octanol/ water</b>                          | <i>No Data Available</i>  |
| <b>Autoignition temperature</b>   | <i>No Data Available</i>  |
| <b>Decomposition temperature</b>  | <i>No Data Available</i>  |
| <b>Viscosity/Kinematic Viscosity</b>                                    | <i>No Data Available</i>  |
| <b>Volatile Organic Compounds</b>                                       | 738 g/l [ <i>Test Method:calculated SCAQMD rule 443.1</i> ]     |
| <b>Volatile Organic Compounds</b>                                       | 100 % weight [ <i>Test Method:calculated per CARB title 2</i> ] |
| <b>Percent volatile</b>   | 100 % weight  |
| <b>VOC Less H2O &amp; Exempt Solvents</b>                               | 738 g/l [ <i>Test Method:calculated SCAQMD rule 443.1</i> ]     |

**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

Sparks and/or flames

**10.5. Incompatible materials**

Strong oxidizing agents

**10.6. Hazardous decomposition products****Substance****Condition**

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:

May be harmful in contact with skin. Skin Irritation: Signs/symptoms may include localized redness, swelling, itching, dryness, cracking, blistering, and pain.

### Eye Contact:

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

### Ingestion:

Chemical (Aspiration) Pneumonitis: Signs/symptoms may include coughing, gasping, choking, burning of the mouth, difficulty breathing, bluish coloured skin (cyanosis), and may be fatal. 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:

Auditory Effects: Signs/symptoms may include hearing impairment, balance dysfunction and ringing in the ears. Central Nervous System (CNS) Depression: Signs/symptoms may include headache, dizziness, drowsiness, incoordination, nausea, slowed reaction time, slurred speech, giddiness, and unconsciousness. Cardiac Sensitization: Signs/symptoms may include irregular heartbeat (arrhythmia), faintness, chest pain, and may be fatal.

### Prolonged or repeated exposure may cause target organ effects:

Auditory Effects: Signs/symptoms may include hearing impairment, balance dysfunction and ringing in the ears. Neurological Effects: Signs/symptoms may include personality changes, lack of coordination, sensory loss, tingling or numbness of the extremities, weakness, tremors, and/or changes in blood pressure and heart rate.

### Carcinogenicity:

Contains a chemical or chemicals which can cause cancer.

| Ingredient   | CAS No.  | Class Description             | Regulation                                  |
|--------------|----------|-------------------------------|---|
| Ethylbenzene | 100-41-4 | 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                              | Dermal                     |         | No data available; calculated ATE2,000 - 5,000 mg/kg |
| 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       |
| Xylene                                       | Dermal                     | Rabbit  | LD50 > 4,200 mg/kg                                   |
| Xylene                                       | Inhalation-Vapor (4 hours) | Rat     | LC50 29 mg/l   |
| Xylene                                       | Ingestion                  | Rat     | LD50 3,523 mg/kg                                     |
| Solvent Naphtha (Petroleum), Light Aliphatic | Dermal                     | Rabbit  | LD50 3,000 mg/kg                                     |
| Solvent Naphtha (Petroleum), Light Aliphatic | Inhalation-Vapor (4 hours) | Rat     | LC50 > 5.2 mg/l                                      |

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|  |                            |        |                    |
|--|----------------------------|--------|--------------------|
| Solvent Naphtha (Petroleum), Light Aliphatic | Ingestion                  | Rat    | LD50 > 5,000 mg/kg |
| Propane                                      | Inhalation-Gas (4 hours)   | Rat    | LC50 > 200,000 ppm |
| Ethylbenzene                                 | Dermal                     | Rabbit | LD50 15,433 mg/kg  |
| Ethylbenzene                                 | Inhalation-Vapor (4 hours) | Rat    | LC50 17.4 mg/l     |
| Ethylbenzene                                 | Ingestion                  | Rat    | LD50 4,769 mg/kg   |
| Toluene                                      | Dermal                     | Rat    | LD50 12,000 mg/kg  |
| Toluene                                      | Inhalation-Vapor (4 hours) | Rat    | LC50 30 mg/l       |
| Toluene                                      | Ingestion                  | Rat    | LD50 5,550 mg/kg   |

ATE = acute toxicity estimate

**Skin Corrosion/Irritation**

| Name   | Species | Value              |
|--|---------|--------------------|
| Xylene                                       | Rabbit  | Mild irritant      |
| Solvent Naphtha (Petroleum), Light Aliphatic | Rabbit  | Irritant           |
| Propane                                      | Rabbit  | Minimal irritation |
| Ethylbenzene                                 | Rabbit  | Mild irritant      |
| Toluene                                      | Rabbit  | Irritant           |

**Serious Eye Damage/Irritation**

| Name   | Species | Value                     |
|--|---------|---------------------------|
| Xylene                                       | Rabbit  | Mild irritant             |
| Solvent Naphtha (Petroleum), Light Aliphatic | Rabbit  | No significant irritation |
| Propane                                      | Rabbit  | Mild irritant             |
| Ethylbenzene                                 | Rabbit  | Moderate irritant         |
| Toluene                                      | Rabbit  | Moderate irritant         |

**Skin Sensitization**

| Name         | Species    | Value          |
|--------------|------------|----------------|
| Ethylbenzene | Human      | Not classified |
| Toluene      | Guinea pig | 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  |
|--|----------|--|
| Xylene                                       | In Vitro | Not mutagenic  |
| Xylene                                       | In vivo  | Not mutagenic  |
| Solvent Naphtha (Petroleum), Light Aliphatic | In Vitro | Not mutagenic  |
| Propane                                      | In Vitro | Not mutagenic  |
| Ethylbenzene                                 | In vivo  | Not mutagenic  |
| Ethylbenzene                                 | In Vitro | Some positive data exist, but the data are not sufficient for classification |
| Toluene                                      | In Vitro | Not mutagenic  |
| Toluene                                      | In vivo  | Not mutagenic  |

**Carcinogenicity**

| Name   | Route     | Species                 | Value            |
|--------|-----------|-------------------------|------------------|
| Xylene | Dermal    | Rat                     | Not carcinogenic |
| Xylene | Ingestion | Multiple animal species | Not carcinogenic |



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|  |            |                         |  |
|--|------------|-------------------------|--|
| Xylene                                       | Inhalation | Human                   | Some positive data exist, but the data are not sufficient for classification |
| Solvent Naphtha (Petroleum), Light Aliphatic | Dermal     | Mouse                   | Some positive data exist, but the data are not sufficient for classification |
| Ethylbenzene                                 | Inhalation | Multiple animal species | Carcinogenic   |
| Toluene                                      | Dermal     | Mouse                   | Some positive data exist, but the data are not sufficient for classification |
| Toluene                                      | Ingestion  | Rat                     | Some positive data exist, but the data are not sufficient for classification |
| Toluene                                      | Inhalation | Mouse                   | Some positive data exist, but the data are not sufficient for classification |

**Reproductive Toxicity**

**Reproductive and/or Developmental Effects**

| Name         | Route      | Value                                  | Species                 | Test result         | Exposure Duration              |
|--------------|------------|--|-------------------------|---------------------|--------------------------------|
| Xylene       | Inhalation | Not classified for female reproduction | Human                   | NOAEL Not available | occupational exposure          |
| Xylene       | Ingestion  | Not classified for development         | Mouse                   | NOAEL Not available | during organogenesis           |
| Xylene       | Inhalation | Not classified for development         | Multiple animal species | NOAEL Not available | during gestation               |
| Ethylbenzene | Inhalation | Not classified for development         | Rat                     | NOAEL 4.3 mg/l      | prematuring & during gestation |
| Toluene      | Inhalation | Not classified for female reproduction | Human                   | NOAEL Not available | occupational exposure          |
| Toluene      | Inhalation | Not classified for male reproduction   | Rat                     | NOAEL 2.3 mg/l      | 1 generation                   |
| Toluene      | Ingestion  | Toxic to development                   | Rat                     | LOAEL 520 mg/kg/day | during gestation               |
| Toluene      | Inhalation | Toxic to development                   | Human                   | NOAEL Not available | poisoning and/or abuse         |

**Lactation**

| Name   | Route     | Species | Value  |
|--------|-----------|---------|--|
| Xylene | Ingestion | Mouse   | Not classified for effects on or via lactation |

**Target Organ(s)**

**Specific Target Organ Toxicity - single exposure**

| Name   | Route      | Target Organ(s)                   | Value  | Species                 | Test result         | Exposure Duration |
|--------|------------|-----------------------------------|--|-------------------------|---------------------|-------------------|
| Xylene | Inhalation | auditory system                   | Causes damage to organs  | Rat                     | LOAEL 6.3 mg/l      | 8 hours           |
| Xylene | Inhalation | central nervous system depression | May cause drowsiness or dizziness  | Human                   | NOAEL Not available |                   |
| Xylene | Inhalation | respiratory irritation            | Some positive data exist, but the data are not sufficient for classification | Human                   | NOAEL Not available |                   |
| Xylene | Inhalation | eyes                              | Not classified   | Rat                     | NOAEL 3.5 mg/l      | not available     |
| Xylene | Inhalation | liver                             | Not classified   | Multiple animal species | NOAEL Not available |                   |
| Xylene | Ingestion  | central nervous system depression | May cause drowsiness or dizziness  | Multiple animal species | NOAEL Not available |                   |
| Xylene | Ingestion  | eyes                              | Not classified   | Rat                     | NOAEL 250           | not applicable    |

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|  |            |                                   |  |                        | mg/kg               |                        |
|--|------------|-----------------------------------|--|------------------------|---------------------|------------------------|
| Solvent Naphtha (Petroleum), Light Aliphatic | Inhalation | central nervous system depression | May cause drowsiness or dizziness  | Human and animal       | NOAEL Not available |                        |
| Solvent Naphtha (Petroleum), Light Aliphatic | Inhalation | respiratory irritation            | Some positive data exist, but the data are not sufficient for classification |                        | NOAEL Not available |                        |
| Solvent Naphtha (Petroleum), Light Aliphatic | Ingestion  | central nervous system depression | May cause drowsiness or dizziness  | Professional 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            | Not classified   | Human                  | NOAEL Not available |                        |
| Ethylbenzene                                 | Inhalation | central nervous system depression | May cause drowsiness or dizziness  | Human                  | NOAEL Not available |                        |
| Ethylbenzene                                 | Inhalation | respiratory irritation            | Some positive data exist, but the data are not sufficient for classification | Human and animal       | NOAEL Not available |                        |
| Ethylbenzene                                 | Ingestion  | central nervous system depression | May cause drowsiness or dizziness  | Professional judgement | NOAEL Not available |                        |
| Toluene                                      | Inhalation | central nervous system depression | May cause drowsiness or dizziness  | Human                  | NOAEL Not available |                        |
| Toluene                                      | Inhalation | respiratory irritation            | Some positive data exist, but the data are not sufficient for classification | Human                  | NOAEL Not available |                        |
| Toluene                                      | Inhalation | immune system                     | Not classified   | Mouse                  | NOAEL 0.004 mg/l    | 3 hours                |
| Toluene                                      | Ingestion  | central nervous system depression | May cause drowsiness or dizziness  | Human                  | NOAEL Not available | poisoning and/or abuse |

**Specific Target Organ Toxicity - repeated exposure**

| Name   | Route      | Target Organ(s)   | Value   | Species                 | Test result           | Exposure Duration |
|--------|------------|---|---|-------------------------|-----------------------|-------------------|
| Xylene | Inhalation | nervous system  | Causes damage to organs through prolonged or repeated exposure    | Rat                     | LOAEL 0.4 mg/l        | 4 weeks           |
| Xylene | Inhalation | auditory system   | May cause damage to organs through prolonged or repeated exposure | Rat                     | LOAEL 7.8 mg/l        | 5 days            |
| Xylene | Inhalation | liver   | Not classified  | Multiple animal species | NOAEL Not available   |                   |
| Xylene | Inhalation | heart   endocrine system   gastrointestinal tract   hematopoietic system   muscles   kidney and/or bladder   respiratory system | Not classified  | Multiple animal species | NOAEL 3.5 mg/l        | 13 weeks          |
| Xylene | Ingestion  | auditory system   | Not classified  | Rat                     | NOAEL 900 mg/kg/day   | 2 weeks           |
| Xylene | Ingestion  | kidney and/or bladder   | Not classified  | Rat                     | NOAEL 1,500 mg/kg/day | 90 days           |
| Xylene | Ingestion  | liver   | Not classified  | Multiple animal species | NOAEL Not available   |                   |
| Xylene | Ingestion  | heart   skin   endocrine system   bone, teeth, nails, and/or hair   | Not classified  | Mouse                   | NOAEL 1,000 mg/kg/day | 103 weeks         |

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|              |            |  |  |                         |                       |                        |
|--------------|------------|--|--|-------------------------|-----------------------|------------------------|
|              |            | hematopoietic system   immune system   nervous system   respiratory system |  |                         |                       |                        |
| Ethylbenzene | Inhalation | kidney and/or bladder  | Some positive data exist, but the data are not sufficient for classification | Rat                     | NOAEL 1.1 mg/l        | 2 years                |
| Ethylbenzene | Inhalation | liver  | Some positive data exist, but the data are not sufficient for classification | Mouse                   | NOAEL 1.1 mg/l        | 103 weeks              |
| Ethylbenzene | Inhalation | hematopoietic system   | Not classified   | Rat                     | NOAEL 3.4 mg/l        | 28 days                |
| Ethylbenzene | Inhalation | auditory system  | Not classified   | Rat                     | NOAEL 2.4 mg/l        | 5 days                 |
| Ethylbenzene | Inhalation | endocrine system   | Not classified   | Mouse                   | NOAEL 3.3 mg/l        | 103 weeks              |
| Ethylbenzene | Inhalation | gastrointestinal tract   | Not classified   | Rat                     | NOAEL 3.3 mg/l        | 2 years                |
| Ethylbenzene | Inhalation | bone, teeth, nails, and/or hair   muscles                                  | Not classified   | Multiple animal species | NOAEL 4.2 mg/l        | 90 days                |
| Ethylbenzene | Inhalation | heart   immune system   respiratory system                                 | Not classified   | Multiple animal species | NOAEL 3.3 mg/l        | 2 years                |
| Ethylbenzene | Ingestion  | liver   kidney and/or bladder  | Not classified   | Rat                     | NOAEL 680 mg/kg/day   | 6 months               |
| Toluene      | Inhalation | auditory system   eyes   olfactory system                                  | Causes damage to organs through prolonged or repeated exposure               | Human                   | NOAEL Not available   | poisoning and/or abuse |
| Toluene      | Inhalation | nervous system   | May cause damage to organs through prolonged or repeated exposure            | Human                   | NOAEL Not available   | poisoning and/or abuse |
| Toluene      | Inhalation | respiratory system   | Some positive data exist, but the data are not sufficient for classification | Rat                     | LOAEL 2.3 mg/l        | 15 months              |
| Toluene      | Inhalation | heart   liver   kidney and/or bladder                                      | Not classified   | Rat                     | NOAEL 11.3 mg/l       | 15 weeks               |
| Toluene      | Inhalation | endocrine system   | Not classified   | Rat                     | NOAEL 1.1 mg/l        | 4 weeks                |
| Toluene      | Inhalation | immune system  | Not classified   | Mouse                   | NOAEL Not available   | 20 days                |
| Toluene      | Inhalation | bone, teeth, nails, and/or hair  | Not classified   | Mouse                   | NOAEL 1.1 mg/l        | 8 weeks                |
| Toluene      | Inhalation | hematopoietic system   vascular system                                     | Not classified   | Human                   | NOAEL Not available   | occupational exposure  |
| Toluene      | Inhalation | gastrointestinal tract   | Not classified   | Multiple animal species | NOAEL 11.3 mg/l       | 15 weeks               |
| Toluene      | Ingestion  | nervous system   | Some positive data exist, but the data are not sufficient for classification | Rat                     | NOAEL 625 mg/kg/day   | 13 weeks               |
| Toluene      | Ingestion  | heart  | Not classified   | Rat                     | NOAEL 2,500 mg/kg/day | 13 weeks               |
| Toluene      | Ingestion  | liver   kidney and/or bladder  | Not classified   | Multiple animal species | NOAEL 2,500 mg/kg/day | 13 weeks               |
| Toluene      | Ingestion  | hematopoietic system   | Not classified   | Mouse                   | NOAEL 600 mg/kg/day   | 14 days                |
| Toluene      | Ingestion  | endocrine system   | Not classified   | Mouse                   | NOAEL 105 mg/kg/day   | 28 days                |
| Toluene      | Ingestion  | immune system  | Not classified   | Mouse                   | NOAEL 105 mg/kg/day   | 4 weeks                |

**Aspiration Hazard**

**3M™ General Purpose Adhesive Cleaner, PN 08987**

| Name   | Value             |
|--|-------------------|
| Xylene                                       | Aspiration hazard |
| Solvent Naphtha (Petroleum), Light Aliphatic | Aspiration hazard |
| Ethylbenzene                                 | Aspiration hazard |
| Toluene                                      | 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**

All applicable chemical ingredients in this material are listed on the European Inventory of Existing Chemical Substances (EINECS), or are exempt polymers whose monomers are listed on EINECS. Contact 3M for more information. The components of this material are in compliance with the provisions of the Korea Chemical Control Act. Certain restrictions may apply. Contact the selling division for additional 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 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. 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: 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: 2 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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**3M Canada SDSs are available at [www.3M.ca](http://www.3M.ca)**