



## Safety Data Sheet

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### SECTION 1: Identification

#### 1.1. Product identifier

3M™ Specialty Adhesive Remover, PN 38987

#### Product Identification Numbers

60-4550-5200-5  
7000148208

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

##### Recommended use

Automotive, Adhesive Remover

#### 1.3. Supplier's details

**MANUFACTURER:** 3M  
**DIVISION:** Automotive Aftermarket  
**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

The label elements below were prepared in accordance with OSHA Hazard Communication Standard, 29 CFR 1910.1200. This information may be different from the actual product label information for labels regulated by other agencies.

#### 2.1. Hazard classification

Flammable Aerosol: Category 1.  
Gas Under Pressure: Liquefied gas.  
Serious Eye Damage/Irritation: Category 2A.  
Skin Corrosion/Irritation: Category 2.  
Aspiration Hazard: Category 1.  
Reproductive Toxicity: Category 1B.  
Carcinogenicity: Category 1B.  
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 serious eye irritation.

Causes skin irritation.

May be fatal if swallowed and enters airways.

May cause drowsiness or dizziness.

May damage fertility or the unborn child.

May cause cancer.

Causes damage to organs:

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/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 protective gloves and 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 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 CENTER or doctor/physician.

IF exposed or concerned: Get medical advice/attention.

**Storage:**

Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

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.

**SECTION 3: Composition/information on ingredients**

| Ingredient                                   | C.A.S. No. | % by Wt                |
|----------------------------------------------|------------|------------------------|
| Acetone                                      | 67-64-1    | 15 - 40 Trade Secret * |
| Solvent Naphtha (Petroleum), Light Aliphatic | 64742-89-8 | 15 - 40 Trade Secret * |
| Xylene                                       | 1330-20-7  | 15 - 40 Trade Secret * |
| Ethylbenzene                                 | 100-41-4   | 3 - 13 Trade Secret *  |
| Carbon Dioxide                               | 124-38-9   | 3 - 7 Trade Secret *   |
| Heptane                                      | 142-82-5   | 1 - 5 Trade Secret *   |
| Octane                                       | 111-65-9   | 1 - 5 Trade Secret *   |
| Toluene                                      | 108-88-3   | < 0.7 Trade Secret *   |
| Cumene                                       | 98-82-8    | < 0.4 Trade Secret *   |
| Benzene                                      | 71-43-2    | < 0.04 Trade Secret *  |
| Naphthalene                                  | 91-20-3    | < 0.04 Trade Secret *  |

\*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. If you feel unwell, 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**

Aspiration pneumonitis (coughing, gasping, choking, burning of the mouth, and difficulty breathing). Central nervous system depression (headache, dizziness, drowsiness, incoordination, nausea, slurred speech, giddiness, and unconsciousness). Target organ effects. See Section 11 for additional details. Target organ effects following prolonged or repeated exposure. See Section 11 for additional details.

**4.3. Indication of any immediate medical attention and special treatment required**

Not applicable

**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**

Hydrocarbons

Carbon monoxide

Carbon dioxide

**Condition**

During Combustion

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 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 that is resistant to polar solvents. 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/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.) 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 50°C/122°F. 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                                  | A3: Confirmed animal carcin., Ototoxicant                    |
| Ethylbenzene   | 100-41-4   | OSHA   | TWA:435 mg/m3(100 ppm)                      |                                                              |
| Toluene        | 108-88-3   | ACGIH  | TWA:20 ppm                                  | A4: Not class. as human carcin, Ototoxicant                  |
| Toluene        | 108-88-3   | OSHA   | TWA:200 ppm;CEIL:300 ppm                    |                                                              |
| Octane         | 111-65-9   | ACGIH  | TWA:300 ppm                                 |                                                              |
| Octane         | 111-65-9   | OSHA   | TWA:2350 mg/m3(500 ppm)                     |                                                              |
| Carbon Dioxide | 124-38-9   | ACGIH  | TWA:5000 ppm;STEL:30000 ppm                 |                                                              |
| Carbon Dioxide | 124-38-9   | OSHA   | TWA:9000 mg/m3(5000 ppm)                    |                                                              |
| Xylene         | 1330-20-7  | ACGIH  | TWA:20 ppm                                  | A4: Not class. as human carcin                               |
| Xylene         | 1330-20-7  | OSHA   | TWA:435 mg/m3(100 ppm)                      |                                                              |
| Heptane        | 142-82-5   | ACGIH  | TWA:400 ppm;STEL:500 ppm                    |                                                              |
| Heptane        | 142-82-5   | OSHA   | TWA:2000 mg/m3(500 ppm)                     |                                                              |
| Naphtha        | 64742-89-8 | OSHA   | TWA:400 mg/m3(100 ppm)                      |                                                              |
| Acetone        | 67-64-1    | ACGIH  | TWA:250 ppm;STEL:500 ppm                    | A4: Not class. as human carcin                               |
| Acetone        | 67-64-1    | OSHA   | TWA:2400 mg/m3(1000 ppm)                    |                                                              |
| Benzene        | 71-43-2    | ACGIH  | TWA:0.5 ppm;STEL:2.5 ppm                    | A1: Confirmed human carcin., SKIN                            |
| Benzene        | 71-43-2    | OSHA   | TWA:1 ppm;TWA:10 ppm;STEL:5 ppm;CEIL:25 ppm | 29 CFR 1910.1028                                             |
| Naphthalene    | 91-20-3    | ACGIH  | TWA:10 ppm                                  | A3: Confirmed animal carcin., Danger of cutaneous absorption |
| Naphthalene    | 91-20-3    | OSHA   | TWA:50 mg/m3(10 ppm)                        |                                                              |
| Cumene         | 98-82-8    | ACGIH  | TWA:5 ppm                                   | A3: Confirmed animal carcin.                                 |
| Cumene         | 98-82-8    | OSHA   | TWA:245 mg/m3(50 ppm)                       | SKIN                                                         |

ACGIH : American Conference of Governmental Industrial Hygienists

AIHA : American Industrial Hygiene Association

CMRG : Chemical Manufacturer's Recommended Guidelines

OSHA : United States Department of Labor - Occupational Safety and Health Administration

TWA: Time-Weighted-Average

STEL: Short Term Exposure Limit

CEIL: Ceiling

### 8.2. Exposure controls

**8.2.1. Engineering controls**

Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below relevant Exposure Limits and/or control dust/fume/gas/mist/vapors/spray. If ventilation is not adequate, use respiratory protection equipment.

**8.2.2. Personal protective equipment (PPE)****Eye/face protection**

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

Indirect Vented Goggles

**Skin/hand protection**

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

Gloves made from the following material(s) are recommended: Polymer laminate

**Respiratory protection**

An exposure assessment may be needed to decide if a respirator is required. If a respirator is needed, use respirators as part of a full respiratory protection program. Based on the results of the exposure assessment, select from the following respirator type(s) to reduce inhalation exposure:

Half facepiece or full facepiece air-purifying respirator suitable for organic vapors and particulates

Organic vapor respirators may have short service life.

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

## SECTION 9: Physical and chemical properties

**9.1. Information on basic physical and chemical properties****Appearance**

**Physical state**

Liquid

**Color**

Colorless

**Specific Physical Form:**

Aerosol

**Odor**

Solvent

**Odor threshold**

*No Data Available*

**pH**

*No Data Available*

**Melting point**

*No Data Available*

**Boiling Point**

*No Data Available*

**Flash Point**

-1 °F [*@ 737.5 mmHg*] [*Test Method: Closed Cup*] [*Details: Value for Liquid Content*]

**Evaporation rate**

*No Data Available*

**Flammability (solid, gas)**

Not Applicable

**Flammable Limits(LEL)**

*No Data Available*

**Flammable Limits(UEL)**

*No Data Available*

**Vapor Pressure**

*No Data Available*

**Vapor Density**

*No Data Available*

**Density**

0.81 g/ml

**Specific Gravity**

0.81 [*Ref Std: WATER=1*]

**Solubility In Water**

*No Data Available*

|                                         |                                                          |
|-----------------------------------------|----------------------------------------------------------|
| 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                | 36.1 % weight [Test Method: Calculated]                  |
| Volatile Organic Compounds              | 539 g/l [Test Method: calculated SCAQMD rule 443.1]      |
| Volatile Organic Compounds              | 66.6 % weight [Test Method: calculated per CARB title 2] |
| Percent volatile                        | 100 % weight                                             |
| VOC Less H2O & Exempt Solvents          | 823 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

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:**

Skin Irritation: Signs/symptoms may include localized redness, swelling, itching, dryness, cracking, blistering, and pain.

**Eye Contact:**

Severe Eye Irritation: Signs/symptoms may include significant redness, swelling, pain, tearing, cloudy appearance of the cornea, and impaired vision.

**Ingestion:**

Chemical (Aspiration) Pneumonitis: Signs/symptoms may include coughing, gasping, choking, burning of the mouth, difficulty breathing, bluish colored 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.

**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.

**Reproductive/Developmental Toxicity:**

Contains a chemical or chemicals which can cause birth defects or other reproductive harm.

**Carcinogenicity:**

Contains a chemical or chemicals which can cause cancer.

| <b>Ingredient</b> | <b>CAS No.</b> | <b>Class Description</b>       | <b>Regulation</b>                           |
|-------------------|----------------|--------------------------------|---------------------------------------------|
| BENZENE           | 71-43-2        | Known To Be Human Carcinogen.  | National Toxicology Program Carcinogens     |
| BENZENE           | 71-43-2        | Grp. 1: Carcinogenic to humans | International Agency for Research on Cancer |
| BENZENE           | 71-43-2        | Cancer hazard                  | OSHA Carcinogens                            |
| Cumene            | 98-82-8        | Grp. 2B: Possible human carc.  | International Agency for Research on Cancer |
| Cumene            | 98-82-8        | Anticipated human carcinogen   | National Toxicology Program Carcinogens     |
| Ethylbenzene      | 100-41-4       | Grp. 2B: Possible human carc.  | International Agency for Research on Cancer |
| Naphthalene       | 91-20-3        | Grp. 2B: Possible human carc.  | International Agency for Research on Cancer |
| Naphthalene       | 91-20-3        | Anticipated human carcinogen   | National Toxicology Program Carcinogens     |

**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**

| <b>Name</b>     | <b>Route</b>           | <b>Species</b> | <b>Value</b>                                     |
|-----------------|------------------------|----------------|--------------------------------------------------|
| Overall product | Dermal                 |                | No data available; calculated ATE >5,000 mg/kg   |
| Overall product | Inhalation-Vapor(4 hr) |                | No data available; calculated ATE >20 - =50 mg/l |
| Overall product | Ingestion              |                | No data available; calculated ATE >5,000 mg/kg   |
| Acetone         | Dermal                 | Rabbit         | LD50 > 15,688 mg/kg                              |

|                                              |                            |                         |                                          |
|----------------------------------------------|----------------------------|-------------------------|------------------------------------------|
| Acetone                                      | Inhalation-Vapor (4 hours) | Rat                     | LC50 76 mg/l                             |
| Acetone                                      | Ingestion                  | Rat                     | LD50 5,800 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                          |
| Solvent Naphtha (Petroleum), Light Aliphatic | Ingestion                  | Rat                     | LD50 > 5,000 mg/kg                       |
| 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                         |
| Carbon Dioxide                               | Inhalation-Gas (4 hours)   | Rat                     | LC50 > 53,000 ppm                        |
| Heptane                                      | Dermal                     | Rabbit                  | LD50 3,000 mg/kg                         |
| Heptane                                      | Inhalation-Vapor (4 hours) | Rat                     | LC50 103 mg/l                            |
| Heptane                                      | Ingestion                  | Rat                     | LD50 > 15,000 mg/kg                      |
| Octane                                       | Inhalation-Vapor (4 hours) | Rat                     | LC50 > 24.9 mg/l                         |
| Octane                                       | Dermal                     | similar compounds       | LD50 > 2,000 mg/kg                       |
| Octane                                       | Ingestion                  | similar compounds       | LD50 > 5,000 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                         |
| Cumene                                       | Dermal                     | Rabbit                  | LD50 > 3,160 mg/kg                       |
| Cumene                                       | Inhalation-Vapor (4 hours) | Rat                     | LC50 39.4 mg/l                           |
| Cumene                                       | Ingestion                  | Rat                     | LD50 1,400 mg/kg                         |
| Benzene                                      | Dermal                     | Multiple animal species | LD50 > 8,260 mg/kg                       |
| Benzene                                      | Inhalation-Vapor (4 hours) | Rat                     | LC50 43.8 mg/l                           |
| Benzene                                      | Ingestion                  | Rat                     | LD50 5,970 mg/kg                         |
| Naphthalene                                  | Dermal                     | Human                   | LD50 estimated to be 2,000 - 5,000 mg/kg |
| Naphthalene                                  | Inhalation-Vapor           | Human                   | LC50 estimated to be 20 - 50 mg/l        |
| Naphthalene                                  | Ingestion                  | Human                   | LD50 estimated to be 300 - 2,000 mg/kg   |

ATE = acute toxicity estimate

**Skin Corrosion/Irritation**

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

|              |                   |                           |
|--------------|-------------------|---------------------------|
| Ethylbenzene | Rabbit            | Mild irritant             |
| Heptane      | Human             | Mild irritant             |
| Octane       | similar compounds | No significant irritation |
| Toluene      | Rabbit            | Irritant                  |
| Cumene       | Rabbit            | Minimal irritation        |
| Benzene      | Rabbit            | Irritant                  |
| Naphthalene  | Rabbit            | Minimal irritation        |

### Serious Eye Damage/Irritation

| Name                                         | Species                | Value                     |
|----------------------------------------------|------------------------|---------------------------|
| Acetone                                      | Rabbit                 | Severe irritant           |
| Xylene                                       | Rabbit                 | Mild irritant             |
| Solvent Naphtha (Petroleum), Light Aliphatic | Rabbit                 | No significant irritation |
| Ethylbenzene                                 | Rabbit                 | Moderate irritant         |
| Heptane                                      | Professional judgement | Moderate irritant         |
| Octane                                       | similar compounds      | Mild irritant             |
| Toluene                                      | Rabbit                 | Moderate irritant         |
| Cumene                                       | Rabbit                 | Mild irritant             |
| Benzene                                      | Rabbit                 | Severe irritant           |
| Naphthalene                                  | Rabbit                 | No significant irritation |

### Skin Sensitization

| Name         | Species                 | Value          |
|--------------|-------------------------|----------------|
| Ethylbenzene | Human                   | Not classified |
| Octane       | similar compounds       | Not classified |
| Toluene      | Guinea pig              | Not classified |
| Cumene       | Guinea pig              | Not classified |
| Benzene      | Multiple animal species | 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                                                                        |
|----------------------------------------------|----------|------------------------------------------------------------------------------|
| Acetone                                      | In vivo  | Not mutagenic                                                                |
| Acetone                                      | In Vitro | Some positive data exist, but the data are not sufficient for classification |
| Xylene                                       | In Vitro | Not mutagenic                                                                |
| Xylene                                       | In vivo  | Not mutagenic                                                                |
| Solvent Naphtha (Petroleum), Light Aliphatic | In Vitro | Not mutagenic                                                                |
| Ethylbenzene                                 | In vivo  | Not mutagenic                                                                |
| Ethylbenzene                                 | In Vitro | Some positive data exist, but the data are not sufficient for classification |
| Heptane                                      | In Vitro | Not mutagenic                                                                |
| Octane                                       | In Vitro | Not mutagenic                                                                |
| Toluene                                      | In Vitro | Not mutagenic                                                                |
| Toluene                                      | In vivo  | Not mutagenic                                                                |
| Cumene                                       | In Vitro | Not mutagenic                                                                |

|         |          |                                                                              |
|---------|----------|------------------------------------------------------------------------------|
| Cumene  | In vivo  | Not mutagenic                                                                |
| Benzene | In Vitro | Some positive data exist, but the data are not sufficient for classification |
| Benzene | In vivo  | Mutagenic                                                                    |

### Carcinogenicity

| Name                                         | Route         | Species                 | Value                                                                        |
|----------------------------------------------|---------------|-------------------------|------------------------------------------------------------------------------|
| Acetone                                      | Not Specified | Multiple animal species | Not carcinogenic                                                             |
| Xylene                                       | Dermal        | Rat                     | Not carcinogenic                                                             |
| Xylene                                       | Ingestion     | Multiple animal species | Not carcinogenic                                                             |
| 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 |
| Cumene                                       | Inhalation    | Multiple animal species | Carcinogenic                                                                 |
| Benzene                                      | Dermal        | Mouse                   | Carcinogenic                                                                 |
| Benzene                                      | Ingestion     | Multiple animal species | Carcinogenic                                                                 |
| Benzene                                      | Inhalation    | Human                   | Carcinogenic                                                                 |
| Naphthalene                                  | Inhalation    | Multiple animal species | Carcinogenic                                                                 |

### Reproductive Toxicity

#### Reproductive and/or Developmental Effects

| Name           | Route      | Value                                  | Species                 | Test Result           | Exposure Duration            |
|----------------|------------|----------------------------------------|-------------------------|-----------------------|------------------------------|
| Acetone        | Ingestion  | Not classified for male reproduction   | Rat                     | NOAEL 1,700 mg/kg/day | 13 weeks                     |
| Acetone        | Inhalation | Not classified for development         | Rat                     | NOAEL 5.2 mg/l        | during organogenesis         |
| 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        | premating & during gestation |
| Carbon Dioxide | Inhalation | Not classified for male reproduction   | Mouse                   | LOAEL 350,000 ppm     | not available                |
| Carbon Dioxide | Inhalation | Not classified for development         | Rat                     | LOAEL 60,000 ppm      | 24 hours                     |
| Toluene        | Inhalation | Not classified for female reproduction | Human                   | NOAEL Not             | occupational                 |

|         |            |                                        |        |                     |                          |
|---------|------------|----------------------------------------|--------|---------------------|--------------------------|
|         |            |                                        |        | available           | 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   |
| Cumene  | Inhalation | Not classified for development         | Rabbit | NOAEL 11.3 mg/l     | during organogenesis     |
| Benzene | Inhalation | Not classified for female reproduction | Rat    | NOAEL 0.96 mg/l     | premating into lactation |
| Benzene | Inhalation | Not classified for development         | Rat    | NOAEL 0.032 mg/l    | during organogenesis     |
| Benzene | Ingestion  | Toxic to male reproduction             | Rat    | LOAEL 50 mg/kg/day  | 90 days                  |

## 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      |
|----------------------------------------------|------------|-----------------------------------|------------------------------------------------------------------------------|-------------------------|---------------------|------------------------|
| 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                     | Not classified                                                               | Human                   | NOAEL 1.19 mg/l     | 6 hours                |
| Acetone                                      | Inhalation | liver                             | Not classified                                                               | Guinea pig              | NOAEL Not available |                        |
| Acetone                                      | Ingestion  | central nervous system depression | May cause drowsiness or dizziness                                            | Human                   | NOAEL Not available | poisoning and/or abuse |
| 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 mg/kg     | not applicable         |
| 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 |                        |

|              |            |                                   |                                                                              |                         |                     |                        |
|--------------|------------|-----------------------------------|------------------------------------------------------------------------------|-------------------------|---------------------|------------------------|
|              |            |                                   |                                                                              | nt                      |                     |                        |
| 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 |                        |
| Heptane      | Inhalation | central nervous system depression | May cause drowsiness or dizziness                                            | Human                   | NOAEL Not available |                        |
| Heptane      | Inhalation | respiratory irritation            | Some positive data exist, but the data are not sufficient for classification | Human                   | NOAEL Not available |                        |
| Heptane      | Ingestion  | central nervous system depression | May cause drowsiness or dizziness                                            | Human                   | NOAEL Not available |                        |
| Octane       | Inhalation | central nervous system depression | May cause drowsiness or dizziness                                            | Rat                     | NOAEL Not available |                        |
| Octane       | Ingestion  | central nervous system depression | May cause drowsiness or dizziness                                            | Rat                     | 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 |
| Cumene       | Inhalation | central nervous system depression | May cause drowsiness or dizziness                                            | Multiple animal species | NOAEL Not available | not available          |
| Cumene       | Inhalation | respiratory irritation            | May cause respiratory irritation                                             | Human                   | LOAEL 0.2 mg/l      | occupational exposure  |
| Cumene       | Ingestion  | central nervous system depression | May cause drowsiness or dizziness                                            | Multiple animal species | NOAEL Not available | not available          |
| Benzene      | Inhalation | central nervous system depression | May cause drowsiness or dizziness                                            | Human and animal        | NOAEL Not Available |                        |
| Benzene      | Inhalation | respiratory irritation            | Some positive data exist, but the data are not sufficient for classification | similar health hazards  | NOAEL Not Available |                        |
| Naphthalene  | Ingestion  | blood                             | Causes damage to organs                                                      | 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 |
|---------|------------|-----------------------|----------------|------------|-----------------------|-------------------|
| Acetone | Dermal     | eyes                  | Not classified | Guinea pig | NOAEL Not available   | 3 weeks           |
| Acetone | Inhalation | hematopoietic system  | Not classified | Human      | NOAEL 3 mg/l          | 6 weeks           |
| Acetone | Inhalation | immune system         | Not classified | Human      | NOAEL 1.19 mg/l       | 6 days            |
| Acetone | Inhalation | kidney and/or bladder | Not classified | Guinea pig | NOAEL 119 mg/l        | not available     |
| Acetone | Inhalation | heart   liver         | Not classified | Rat        | NOAEL 45 mg/l         | 8 weeks           |
| Acetone | Ingestion  | kidney and/or bladder | Not classified | Rat        | NOAEL 900 mg/kg/day   | 13 weeks          |
| Acetone | Ingestion  | heart                 | Not classified | Rat        | NOAEL 2,500 mg/kg/day | 13 weeks          |
| Acetone | Ingestion  | hematopoietic system  | Not classified | Rat        | NOAEL 200 mg/kg/day   | 13 weeks          |
| Acetone | Ingestion  | liver                 | Not classified | Mouse      | NOAEL 3,896 mg/kg/day | 14 days           |

|                |            |                                                                                                                                                                        |                                                                                    |                               |                              |           |
|----------------|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------|------------------------------|-----------|
| Acetone        | Ingestion  | eyes                                                                                                                                                                   | Not classified                                                                     | Rat                           | NOAEL<br>3,400<br>mg/kg/day  | 13 weeks  |
| Acetone        | Ingestion  | respiratory system                                                                                                                                                     | Not classified                                                                     | Rat                           | NOAEL<br>2,500<br>mg/kg/day  | 13 weeks  |
| Acetone        | Ingestion  | muscles                                                                                                                                                                | Not classified                                                                     | Rat                           | NOAEL<br>2,500 mg/kg         | 13 weeks  |
| Acetone        | Ingestion  | skin   bone, teeth,<br>nails, and/or hair                                                                                                                              | Not classified                                                                     | Mouse                         | NOAEL<br>11,298<br>mg/kg/day | 13 weeks  |
| Xylene         | Inhalation | nervous system                                                                                                                                                         | Causes damage to organs through<br>prolonged or repeated exposure                  | Rat                           | LOAEL 0.4<br>mg/l            | 4 weeks   |
| Xylene         | Inhalation | auditory system                                                                                                                                                        | May cause damage to organs<br>though prolonged or repeated<br>exposure             | Rat                           | LOAEL 7.8<br>mg/l            | 5 days    |
| Xylene         | Inhalation | liver                                                                                                                                                                  | Not classified                                                                     | Multiple<br>animal<br>species | NOAEL Not<br>available       |           |
| Xylene         | Inhalation | heart   endocrine<br>system  <br>gastrointestinal tract<br>  hematopoietic<br>system   muscles  <br>kidney and/or<br>bladder   respiratory<br>system                   | Not classified                                                                     | Multiple<br>animal<br>species | NOAEL 3.5<br>mg/l            | 13 weeks  |
| Xylene         | Ingestion  | auditory system                                                                                                                                                        | Not classified                                                                     | Rat                           | NOAEL 900<br>mg/kg/day       | 2 weeks   |
| Xylene         | Ingestion  | kidney and/or<br>bladder                                                                                                                                               | Not classified                                                                     | Rat                           | NOAEL<br>1,500<br>mg/kg/day  | 90 days   |
| Xylene         | Ingestion  | liver                                                                                                                                                                  | Not classified                                                                     | Multiple<br>animal<br>species | NOAEL Not<br>available       |           |
| Xylene         | Ingestion  | heart   skin  <br>endocrine system  <br>bone, teeth, nails,<br>and/or hair  <br>hematopoietic<br>system   immune<br>system   nervous<br>system   respiratory<br>system | Not classified                                                                     | Mouse                         | NOAEL<br>1,000<br>mg/kg/day  | 103 weeks |
| Ethylbenzene   | Inhalation | kidney and/or<br>bladder                                                                                                                                               | Some positive data exist, but the<br>data are not sufficient for<br>classification | Rat                           | NOAEL 1.1<br>mg/l            | 2 years   |
| Ethylbenzene   | Inhalation | liver                                                                                                                                                                  | Some positive data exist, but the<br>data are not sufficient for<br>classification | Mouse                         | NOAEL 1.1<br>mg/l            | 103 weeks |
| Ethylbenzene   | Inhalation | hematopoietic<br>system                                                                                                                                                | Not classified                                                                     | Rat                           | NOAEL 3.4<br>mg/l            | 28 days   |
| Ethylbenzene   | Inhalation | auditory system                                                                                                                                                        | Not classified                                                                     | Rat                           | NOAEL 2.4<br>mg/l            | 5 days    |
| Ethylbenzene   | Inhalation | endocrine system                                                                                                                                                       | Not classified                                                                     | Mouse                         | NOAEL 3.3<br>mg/l            | 103 weeks |
| Ethylbenzene   | Inhalation | gastrointestinal tract                                                                                                                                                 | Not classified                                                                     | Rat                           | NOAEL 3.3<br>mg/l            | 2 years   |
| Ethylbenzene   | Inhalation | bone, teeth, nails,<br>and/or hair  <br>muscles                                                                                                                        | Not classified                                                                     | Multiple<br>animal<br>species | NOAEL 4.2<br>mg/l            | 90 days   |
| Ethylbenzene   | Inhalation | heart   immune<br>system   respiratory<br>system                                                                                                                       | Not classified                                                                     | Multiple<br>animal<br>species | NOAEL 3.3<br>mg/l            | 2 years   |
| Ethylbenzene   | Ingestion  | liver   kidney and/or<br>bladder                                                                                                                                       | Not classified                                                                     | Rat                           | NOAEL 680<br>mg/kg/day       | 6 months  |
| Carbon Dioxide | Inhalation | heart   bone, teeth,<br>nails, and/or hair                                                                                                                             | Not classified                                                                     | Rat                           | LOAEL<br>60,000 ppm          | 166 days  |

|         |            |                                                                                                             |                                                                              |                         |                       |                        |
|---------|------------|-------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|-------------------------|-----------------------|------------------------|
|         |            | liver   nervous system   kidney and/or bladder   respiratory system                                         |                                                                              |                         |                       |                        |
| Heptane | Inhalation | liver   nervous system   kidney and/or bladder                                                              | Not classified                                                               | Rat                     | NOAEL 12 mg/l         | 26 weeks               |
| Toluene | Inhalation | auditory system   nervous system   eyes   olfactory system                                                  | Causes 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                |
| Cumene  | Inhalation | auditory system   endocrine system   hematopoietic system   liver   nervous system   eyes                   | Not classified                                                               | Rat                     | NOAEL 59 mg/l         | 13 weeks               |
| Cumene  | Inhalation | kidney and/or bladder                                                                                       | Not classified                                                               | Rat                     | NOAEL 4.9 mg/l        | 13 weeks               |
| Cumene  | Inhalation | respiratory system                                                                                          | Not classified                                                               | Rat                     | NOAEL 59 mg/l         | 13 weeks               |
| Cumene  | Ingestion  | kidney and/or bladder   heart   endocrine system   hematopoietic system   liver   respiratory system        | Not classified                                                               | Rat                     | NOAEL 769 mg/kg/day   | 6 months               |
| Benzene | Inhalation | hematopoietic system                                                                                        | Causes damage to organs through prolonged or repeated exposure               | Human and animal        | NOAEL Not Available   |                        |
| Benzene | Inhalation | heart   endocrine system   gastrointestinal tract   bone, teeth, nails, and/or hair   liver   immune system | Not classified                                                               | Rat                     | NOAEL 0.96 mg/l       | 90 days                |

|             |            |                                                                                                                                                                           |                                                                  |        |                     |                        |
|-------------|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|--------|---------------------|------------------------|
|             |            | muscles   nervous system   eyes   kidney and/or bladder   respiratory system                                                                                              |                                                                  |        |                     |                        |
| Benzene     | Ingestion  | hematopoietic system                                                                                                                                                      | Causes damage to organs through prolonged or repeated exposure   | Rat    | LOAEL 25 mg/kg/day  | 90 days                |
| Benzene     | Ingestion  | heart   endocrine system   gastrointestinal tract   bone, teeth, nails, and/or hair   liver   immune system   nervous system   kidney and/or bladder   respiratory system | Not classified                                                   | Rat    | NOAEL 600 mg/kg/day | 90 days                |
| Naphthalene | Dermal     | blood                                                                                                                                                                     | Causes damage to organs through prolonged or repeated exposure   | Human  | NOAEL Not available | poisoning and/or abuse |
| Naphthalene | Dermal     | eyes                                                                                                                                                                      | Not classified                                                   | Human  | NOAEL Not available | occupational exposure  |
| Naphthalene | Inhalation | respiratory system                                                                                                                                                        | Causes damage to organs through prolonged or repeated exposure   | Rat    | LOAEL 0.01 mg/l     | 13 weeks               |
| Naphthalene | Inhalation | blood                                                                                                                                                                     | Causes damage to organs through prolonged or repeated exposure   | Human  | NOAEL Not available | poisoning and/or abuse |
| Naphthalene | Inhalation | eyes                                                                                                                                                                      | Not classified                                                   | Human  | NOAEL Not available | occupational exposure  |
| Naphthalene | Ingestion  | blood                                                                                                                                                                     | Causes damage to organs through prolonged or repeated exposure   | Human  | NOAEL Not available | poisoning and/or abuse |
| Naphthalene | Ingestion  | eyes                                                                                                                                                                      | May cause damage to organs though prolonged or repeated exposure | Rabbit | LOAEL 500 mg/kg/day | 15 days                |

### Aspiration Hazard

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

### 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 waste product in a permitted industrial waste 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.

## 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.

#### EPCRA 311/312 Hazard Classifications:

##### Physical Hazards

Flammable (gases, aerosols, liquids, or solids)

Gas under pressure

##### Health Hazards

Aspiration Hazard

Carcinogenicity

Reproductive toxicity

Serious eye damage or eye irritation

Skin Corrosion or Irritation

Specific target organ toxicity (single or repeated exposure)

#### Section 313 Toxic Chemicals subject to the reporting requirements of that section and 40 CFR part 372 (EPCRA):

| <u><b>Ingredient</b></u>    | <u><b>C.A.S. No</b></u> | <u><b>% by Wt</b></u> |
|-----------------------------|-------------------------|-----------------------|
| Xylene                      | 1330-20-7               | Trade Secret 15 - 40  |
| Xylene (Benzene, dimethyl-) | 1330-20-7               | Trade Secret 15 - 40  |
| Ethylbenzene                | 100-41-4                | Trade Secret 3 - 13   |
| Cumene                      | 98-82-8                 | Trade Secret < 0.4    |

### 15.2. State Regulations

Contact 3M for more information.

### 15.3. Chemical Inventories

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

Contact 3M for more information.

### 15.4. International Regulations

Contact 3M for more information.

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

**SECTION 16: Other information****NFPA Hazard Classification**

**Health:** 2 **Flammability:** 3 **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.

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**Supersedes Date:** 07/31/23

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