

# **Safety Data Sheet**

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# **SECTION 1: Identification**

## 1.1. Product identifier

3M<sup>TM</sup> Adhesion Promoter, PN 06396

# **Product Identification Numbers**

70-0706-9843-9

## 1.2. Recommended use and restrictions on use

#### **Recommended use**

Automotive, Adhesion promoter absorbed on a sponge for use with attachment tapes

| 1.3. | Supplier's | details |
|------|------------|---------|
|      | Supplier 5 | accurry |

| MÂNUFACTURER: | 3M                                      |
|---------------|---|
| DIVISION:     | Automotive Division                     |
| ADDRESS:      | 3M Center, St. Paul, MN 55144-1000, USA |
| Telephone:    | 1-888-3M HELPS (1-888-364-3577)         |

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

# **SECTION 2: Hazard identification**

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 Liquid: Category 2. Serious Eye Damage/Irritation: Category 2B. Skin Sensitizer: Category 1. Reproductive Toxicity: Category 1B. 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 | Exclamation mark | Health Hazard |

**Pictograms** 



Hazard Statements Highly flammable liquid and vapor.

Causes eye irritation. May cause an allergic skin reaction. May cause drowsiness or dizziness. May damage fertility or the unborn child. Suspected of causing cancer.

Causes damage to organs: sensory organs |

Causes damage to organs through prolonged or repeated exposure: nervous system  $\mid$ 

May cause damage to organs through prolonged or repeated exposure: sensory organs  $\ \mid$ 

## **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. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Keep container tightly closed. Use explosion-proof electrical/ventilating/lighting equipment. 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. Contaminated work clothing must not be allowed out of the workplace.

## **Response:**

IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. 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 skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse. IF exposed or concerned: Get medical advice/attention. In case of fire: Use a fire fighting agent suitable for flammable liquids such as dry chemical or carbon dioxide to extinguish.

#### Storage:

Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up.

#### **Disposal:**

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

## 2.3. Hazards not otherwise classified

None.

2% of the mixture consists of ingredients of unknown acute oral toxicity.2% of the mixture consists of ingredients of unknown acute dermal toxicity.4% of the mixture consists of ingredients of unknown acute inhalation toxicity.

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

| Ingredient  | C.A.S. No.    | % by Wt                |
|---|---------------|------------------------|
| Cyclohexane   | 110-82-7      | 30 - 60 Trade Secret * |
| Xylene  | 1330-20-7     | 30 - 60 Trade Secret * |
| Ethylbenzene  | 100-41-4      | < 11 Trade Secret *    |
| Ethyl Alcohol                                       | 64-17-5       | 5 - 10 Trade Secret *  |
| Chlorinated Rubber                                  | 68609-36-9    | 1 - 5 Trade Secret *   |
| Ethyl Acetate                                       | 141-78-6      | 1 - 5 Trade Secret *   |
| Acrylate polymer (NJTSRN 04499600-5984P)            | Trade Secret* | 1 - 5 Trade Secret *   |
| 4,4'-isopropylidenediphenol-epichlorohydrin Polymer | 25068-38-6    | 0.1 - 1 Trade Secret * |
| Methyl Alcohol                                      | 67-56-1       | < 0.5 Trade Secret *   |
| Toluene   | 108-88-3      | < 0.3 Trade Secret *   |

NJTS or NJTSRN: New Jersey Trade Secret Registry Number.

\*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:

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

## 4.2. Most important symptoms and effects, both acute and delayed

See Section 11.1. Information on toxicological effects.

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

Not applicable

# **SECTION 5: Fire-fighting measures**

#### 5.1. Suitable extinguishing media

In case of fire: Use a fire fighting agent suitable for flammable liquids such as dry chemical or carbon dioxide to extinguish.

# 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 Hydrogen Chloride <u>Condition</u> 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

Contain spill. Cover spill area with a fire-extinguishing foam designed for use on solvents, such as alcohols and acetone, that can dissolve in water. An AR - AFFF type foam is recommended. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Remember, adding an absorbent material does not remove a physical, health, or environmental hazard. Collect as much of the spilled material as possible using non-sparking tools. Place in a metal container approved for transportation by appropriate authorities. Seal the container. Dispose of collected material as soon as possible.

# **SECTION 7: Handling and storage**

## 7.1. Precautions for safe handling

Keep out of reach of children. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Use only non-sparking tools. Take precautionary measures against static discharge. Do not breathe dust/fume/gas/mist/vapors/spray. Do not get in eyes, on skin, or on clothing. Do not eat,

drink or smoke when using this product. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wash contaminated clothing before reuse. Avoid contact with oxidizing agents (eg. chlorine, chromic acid etc.) Wear low static or properly grounded shoes. Use personal protective equipment (gloves, respirators, etc.) as required. To minimize the risk of ignition, determine applicable electrical classifications for the process using this product and select specific local exhaust ventilation equipment to avoid flammable vapor accumulation. Ground/bond container and receiving equipment if there is potential for static electricity accumulation during transfer.

## 7.2. Conditions for safe storage including any incompatibilities

Store in a well-ventilated place. Keep cool. Keep container tightly closed. 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   | OSHA   | TWA:435 mg/m3(100 ppm)   |                                |
| Ethylbenzene   | 100-41-4   | ACGIH  | TWA:20 ppm               | A3: Confirmed animal carcin.   |
| Toluene        | 108-88-3   | OSHA   | TWA:200 ppm;CEIL:300 ppm |                                |
| Toluene        | 108-88-3   | ACGIH  | TWA:20 ppm               | A4: Not class. as human carcin |
| Cyclohexane    | 110-82-7   | ACGIH  | TWA:100 ppm              |                                |
| Cyclohexane    | 110-82-7   | OSHA   | TWA:1050 mg/m3(300 ppm)  |                                |
| Xylene         | 1330-20-7  | ACGIH  | TWA:100 ppm;STEL:150 ppm | A4: Not class. as human carcin |
| Xylene         | 1330-20-7  | OSHA   | TWA:435 mg/m3(100 ppm)   |                                |
| Ethyl Acetate  | 141-78-6   | OSHA   | TWA:1400 mg/m3(400 ppm)  |                                |
| Ethyl Acetate  | 141-78-6   | ACGIH  | TWA:400 ppm              |                                |
| Ethyl Alcohol  | 64-17-5    | ACGIH  | STEL:1000 ppm            | A3: Confirmed animal carcin.   |
| Ethyl Alcohol  | 64-17-5    | OSHA   | TWA:1900 mg/m3(1000 ppm) |                                |
| Methyl Alcohol | 67-56-1    | ACGIH  | TWA:200 ppm;STEL:250 ppm | SKIN                           |
| Methyl Alcohol | 67-56-1    | OSHA   | TWA:260 mg/m3(200 ppm)   |                                |

ACGIH : American Conference of Governmental Industrial Hygienists

AIHA : American Industrial Hygiene Association

CMRG : Chemical Manufacturer's Recommended Guidelines

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

TWA: Time-Weighted-Average

STEL: Short Term Exposure Limit

CEIL: Ceiling

## 8.2. Exposure controls

## 8.2.1. Engineering controls

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

## **8.2.2.** Personal protective equipment (PPE)

## Eye/face protection

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

**Skin/hand protection** 

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

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

#### **Respiratory protection**

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

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

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

| General Physical Form:                  | Liquid   |  |
|---|--|--|
| Specific Physical Form:                 | Sponge holding approximately 2 milliliters of liquid.          |  |
| Odor, Color, Grade:                     | Liquid: yellow, solvent odor, absorbed onto a sponge. Physical |  |
|   | properties reflect the liquid only.                            |  |
| Odor threshold                          | No Data Available  |  |
| рН                                      | 4.4 - 5 [Test Method: Tested per ASTM protocol] [Details:      |  |
| -                                       | @23°C]   |  |
| Melting point                           | Not Applicable   |  |
| Boiling Point                           | 73.1 °C [Test Method: Tested per ASTM protocol] [Details:      |  |
| C C                                     | @760mmHg]  |  |
| Flash Point                             | 1 °F [Test Method: SETAFLASH]                                  |  |
| Evaporation rate                        | 6.4 [Test Method: Estimated] [Ref Std: XYLENE=1]               |  |
| Flammability (solid, gas)               | Not Applicable   |  |
| Flammable Limits(LEL)                   | 1 % [Test Method: Estimated]                                   |  |
| Flammable Limits(UEL)                   | 6 % [ <i>Test Method:</i> Estimated]                           |  |
| Vapor Pressure                          | 83.2 mmHg [@ 20 °C] [Test Method: Tested per ASTM              |  |
|   | protocol]  |  |
| Vapor Density                           | 1.7 [Test Method: Estimated] [Ref Std: AIR=1]                  |  |
| Density                                 | 0.82 g/ml  |  |
| Specific Gravity                        | 0.82 [ <i>Ref Std:</i> WATER=1]                                |  |
| Solubility In Water                     | 10 %   |  |
| Solubility- non-water                   | No Data Available  |  |
| Partition coefficient: n-octanol/ water | No Data Available  |  |
| Autoignition temperature                | 430 °C   |  |
| Decomposition temperature               | No Data Available  |  |
| Viscosity                               | <= 25 centipoise   |  |
|   |  |  |

Hazardous Air Pollutants Volatile Organic Compounds

Percent volatile VOC Less H2O & Exempt Solvents < 35 % weight [*Test Method:* Calculated] <=781 g/l [*Test Method:* calculated SCAQMD rule 443.1] [*Details:* Calculated] Approximately 95 % <=781 g/l [*Test Method:* calculated SCAQMD rule 443.1] [*Details:* Calculated]

# **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 acids Strong oxidizing agents

## 10.6. Hazardous decomposition products

Substance None known. **Condition** 

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.

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

#### **Eye Contact:**

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

#### **Ingestion:**

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

May cause additional health effects (see below).

#### **Additional Health Effects:**

### Single exposure may cause target organ effects:

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.

| Ingredient                   | CAS No.  | Class Description              | Regulation                                  |
|------------------------------|----------|--------------------------------|---|
| Generic: ALCOHOLIC BEVERAGES | 64-17-5  | Grp. 1: Carcinogenic to humans | International Agency for Research on Cancer |
| Generic: ALCOHOLIC BEVERAGES | 64-17-5  | Known human carcinogen         | National Toxicology Program Carcinogens     |
| 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 ATE 2,000 - 5,000 |
|                 |             |         | mg/kg   |
| Overall product | Inhalation- |         | No data available; calculated ATE 20 - 50 mg/l  |
|                 | Vapor(4 hr) |         |   |
| Overall product | Ingestion   |         | No data available; calculated ATE > 5,000 mg/kg |
| Cyclohexane     | Dermal      | Rat     | LD50 > 2,000 mg/kg                              |
| Cyclohexane     | Inhalation- | Rat     | LC50 > 32.9 mg/l                                |
|                 | Vapor (4    |         |   |
|                 | hours)      |         |   |
| Cyclohexane     | Ingestion   | Rat     | LD50 6,200 mg/kg                                |
| Xylene          | Dermal      | Rabbit  | LD50 > 4,200 mg/kg                              |
| Xylene          | Inhalation- | Rat     | LC50 29 mg/l                                    |
|                 | Vapor (4    |         |   |
|                 | hours)      |         |   |
| Xylene          | Ingestion   | Rat     | LD50 3,523 mg/kg                                |

| Ethylbenzene  | Dermal      | Rabbit | LD50 15,433 mg/kg                        |
|---|-------------|--------|--|
| Ethylbenzene  | Inhalation- | Rat    | LC50 17.4 mg/l                           |
|   | Vapor (4    |        |  |
|   | hours)      |        |  |
| Ethylbenzene  | Ingestion   | Rat    | LD50 4,769 mg/kg                         |
| Ethyl Alcohol                                       | Dermal      | Rabbit | LD50 > 15,800 mg/kg                      |
| Ethyl Alcohol                                       | Inhalation- | Rat    | LC50 124.7 mg/l                          |
|   | Vapor (4    |        |  |
|   | hours)      |        |  |
| Ethyl Alcohol                                       | Ingestion   | Rat    | LD50 17,800 mg/kg                        |
| Ethyl Acetate                                       | Dermal      | Rabbit | LD50 > 18,000 mg/kg                      |
| Ethyl Acetate                                       | Inhalation- | Rat    | LC50 70.5 mg/l                           |
|   | Vapor (4    |        |  |
|   | hours)      |        |  |
| Ethyl Acetate                                       | Ingestion   | Rat    | LD50 5,620 mg/kg                         |
| Chlorinated Rubber                                  | Dermal      | Guinea | LD50 > 1,000 mg/kg                       |
|   |             | pig    |  |
| Chlorinated Rubber                                  | Ingestion   | Rat    | LD50 > 3,200 mg/kg                       |
| Methyl Alcohol                                      | Dermal      |        | LD50 estimated to be 1,000 - 2,000 mg/kg |
| Methyl Alcohol                                      | Inhalation- |        | LC50 estimated to be 10 - 20 mg/l        |
| ,   | Vapor       |        | č  |
| Methyl Alcohol                                      | Ingestion   |        | LD50 estimated to be 50 - 300 mg/kg      |
| 4,4'-isopropylidenediphenol-epichlorohydrin Polymer | Dermal      | Rat    | LD50 > 1,600 mg/kg                       |
| 4,4'-isopropylidenediphenol-epichlorohydrin Polymer | Ingestion   | Rat    | LD50 > 1,000 mg/kg                       |
| Toluene   | Dermal      | Rat    | LD50 12,000 mg/kg                        |
| Toluene   | Inhalation- | Rat    | LC50 30 mg/l                             |
|   | Vapor (4    |        |  |
|   | hours)      |        |  |
| Toluene   | Ingestion   | Rat    | LD50 5,550 mg/kg                         |

ATE = acute toxicity estimate

## Skin Corrosion/Irritation

| Name  | Species | Value                     |
|---|---------|---------------------------|
|   |         |                           |
| Cyclohexane   | Rabbit  | Mild irritant             |
| Xylene  | Rabbit  | Mild irritant             |
| Ethylbenzene  | Rabbit  | Mild irritant             |
| Ethyl Alcohol                                       | Rabbit  | No significant irritation |
| Ethyl Acetate                                       | Rabbit  | Minimal irritation        |
| Chlorinated Rubber                                  | Guinea  | No significant irritation |
|   | pig     |                           |
| Methyl Alcohol                                      | Rabbit  | Mild irritant             |
| 4,4'-isopropylidenediphenol-epichlorohydrin Polymer | Rabbit  | Mild irritant             |
| Toluene   | Rabbit  | Irritant                  |

# Serious Eye Damage/Irritation

| Name  | Species   | Value             |
|---|-----------|-------------------|
|   |           |                   |
| Cyclohexane   | Rabbit    | Mild irritant     |
| Xylene  | Rabbit    | Mild irritant     |
| Ethylbenzene  | Rabbit    | Moderate irritant |
| Ethyl Alcohol                                       | Rabbit    | Moderate irritant |
| Ethyl Acetate                                       | Rabbit    | Mild irritant     |
| Chlorinated Rubber                                  | Professio | Mild irritant     |
|   | nal       |                   |
|   | judgeme   |                   |
|   | nt        |                   |
| Methyl Alcohol                                      | Rabbit    | Moderate irritant |
| 4,4'-isopropylidenediphenol-epichlorohydrin Polymer | Rabbit    | Moderate irritant |
| Toluene   | Rabbit    | Moderate irritant |

# Skin Sensitization

| Name         | Species | Value           |
|--------------|---------|-----------------|
| Ethylbenzene | Human   | Not sensitizing |

| Ethyl Alcohol                                       | Human  | Some positive data exist, but the data are not sufficient for classification |
|---|--------|--|
| Ethyl Acetate                                       | Guinea | Not sensitizing  |
|   | pig    |  |
| Methyl Alcohol                                      | Guinea | Not sensitizing  |
|   | pig    |  |
| 4,4'-isopropylidenediphenol-epichlorohydrin Polymer | Human  | Sensitizing  |
|   | and    |  |
|   | animal |  |
| Toluene   | Guinea | Not sensitizing  |
|   | pig    |  |

# **Respiratory Sensitization**

| Name  | Species | Value  |
|---|---------|--|
| 4,4'-isopropylidenediphenol-epichlorohydrin Polymer | Human   | Some positive data exist, but the data are not sufficient for classification |

# Germ Cell Mutagenicity

| Name  | Route    | Value  |
|---|----------|--|
| Cyclohexane   | In Vitro | Not mutagenic  |
| Cyclohexane   | In vivo  | Some positive data exist, but the data are not                               |
| Cyclonexane   | III VIVO | sufficient for classification  |
| Xylene  | In Vitro | Not mutagenic  |
| Xylene  | In vivo  | Not mutagenic  |
| Ethylbenzene  | In vivo  | Not mutagenic  |
| Ethylbenzene  | In Vitro | Some positive data exist, but the data are not sufficient for classification |
| Ethyl Alcohol                                       | In Vitro | Some positive data exist, but the data are not sufficient for classification |
| Ethyl Alcohol                                       | In vivo  | Some positive data exist, but the data are not sufficient for classification |
| Ethyl Acetate                                       | In Vitro | Not mutagenic  |
| Ethyl Acetate                                       | In vivo  | Not mutagenic  |
| Methyl Alcohol                                      | In Vitro | Some positive data exist, but the data are not sufficient for classification |
| Methyl Alcohol                                      | In vivo  | Some positive data exist, but the data are not sufficient for classification |
| 4,4'-isopropylidenediphenol-epichlorohydrin Polymer | In vivo  | Not mutagenic  |
| 4,4'-isopropylidenediphenol-epichlorohydrin Polymer | 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<br>animal<br>species | Not carcinogenic   |
| Xylene  | Inhalation | Human                         | Some positive data exist, but the data are not sufficient for classification |
| Ethylbenzene  | Inhalation | Multiple<br>animal<br>species | Carcinogenic   |
| Ethyl Alcohol                                       | Ingestion  | Multiple<br>animal<br>species | Some positive data exist, but the data are not sufficient for classification |
| Methyl Alcohol                                      | Inhalation | Multiple<br>animal<br>species | Not carcinogenic   |
| 4,4'-isopropylidenediphenol-epichlorohydrin Polymer | Dermal     | Mouse                         | Some positive data exist, but the data are not sufficient for classification |
| 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<br>Duration               |
|---|------------|--|-------------------------------|--------------------------|------------------------------------|
| Cyclohexane   | Inhalation | Not toxic to female reproduction   | Rat                           | NOAEL 24<br>mg/l         | 2 generation                       |
| Cyclohexane   | Inhalation | Not toxic to male reproduction   | Rat                           | NOAEL 24<br>mg/l         | 2 generation                       |
| Cyclohexane   | Inhalation | Some positive developmental data exist,<br>but the data are not sufficient for<br>classification       | Rat                           | NOAEL 6.9<br>mg/l        | 2 generation                       |
| Xylene  | Inhalation | Some positive female reproductive data<br>exist, but the data are not sufficient for<br>classification | Human                         | NOAEL Not<br>available   | occupational exposure              |
| Xylene  | Ingestion  | Some positive developmental data exist,<br>but the data are not sufficient for<br>classification       | Mouse                         | NOAEL Not<br>available   | during<br>organogenesi<br>s        |
| Xylene  | Inhalation | Some positive developmental data exist,<br>but the data are not sufficient for<br>classification       | Multiple<br>animal<br>species | NOAEL Not<br>available   | during<br>gestation                |
| Ethylbenzene  | Inhalation | Some positive developmental data exist,<br>but the data are not sufficient for<br>classification       | Rat                           | NOAEL 4.3<br>mg/l        | premating &<br>during<br>gestation |
| Ethyl Alcohol   | Inhalation | Not toxic to development   | Rat                           | NOAEL 38<br>mg/l         | during gestation                   |
| Ethyl Alcohol   | Ingestion  | Some positive developmental data exist,<br>but the data are not sufficient for<br>classification       | Rat                           | NOAEL 5,200<br>mg/kg/day | premating &<br>during<br>gestation |
| Methyl Alcohol  | Ingestion  | Some positive male reproductive data<br>exist, but the data are not sufficient for<br>classification   | Rat                           | NOAEL 1,600<br>mg/kg/day | 21 days                            |
| Methyl Alcohol  | Ingestion  | Toxic to development   | Mouse                         | LOAEL 4,000<br>mg/kg/day | during<br>organogenesi<br>s        |
| Methyl Alcohol  | Inhalation | Toxic to development   | Mouse                         | NOAEL 1.3<br>mg/l        | during<br>organogenesi<br>s        |
| 4,4'-isopropylidenediphenol-<br>epichlorohydrin Polymer | Ingestion  | Not toxic to female reproduction   | Rat                           | NOAEL 750<br>mg/kg/day   | 2 generation                       |
| 4,4'-isopropylidenediphenol-<br>epichlorohydrin Polymer | Ingestion  | Not toxic to male reproduction   | Rat                           | NOAEL 750<br>mg/kg/day   | 2 generation                       |
| 4,4'-isopropylidenediphenol-<br>epichlorohydrin Polymer | Dermal     | Not toxic to development   | Rabbit                        | NOAEL 300<br>mg/kg/day   | during<br>organogenesi<br>s        |
| 4,4'-isopropylidenediphenol-<br>epichlorohydrin Polymer | Ingestion  | Not toxic to development   | Rat                           | NOAEL 750<br>mg/kg/day   | 2 generation                       |
| Toluene   | Inhalation | Some positive female reproductive data<br>exist, but the data are not sufficient for<br>classification | Human                         | NOAEL Not<br>available   | occupational<br>exposure           |
| Toluene   | Inhalation | Some positive male reproductive data<br>exist, but the data are not sufficient for<br>classification   | Rat                           | NOAEL 2.3<br>mg/l        | 1 generation                       |
| Toluene   | Ingestion  | Toxic to development   | Rat                           | LOAEL 520<br>mg/kg/day   | during gestation                   |
| Toluene   | Inhalation | Toxic to development   | Human                         | NOAEL Not<br>available   | poisoning<br>and/or abuse          |

## Lactation

| Name   | Route     | Species | Value                                      |
|--------|-----------|---------|--|
| Xylene | Ingestion | Mouse   | Does not cause effects on or via lactation |

# Target Organ(s)

# Specific Target Organ Toxicity - single exposure

| Name           | Route      | Target Organ(s)                      | Value  | Species                           | Test Result            | Exposure<br>Duration  |
|----------------|------------|--------------------------------------|--|-----------------------------------|------------------------|-----------------------|
| Cyclohexane    | Inhalation | central nervous<br>system depression | May cause drowsiness or<br>dizziness   | Human<br>and<br>animal            | NOAEL Not<br>available |                       |
| Cyclohexane    | Inhalation | respiratory irritation               | Some positive data exist, but the data are not sufficient for classification | Human<br>and<br>animal            | NOAEL Not<br>available |                       |
| Cyclohexane    | Ingestion  | central nervous<br>system depression | May cause drowsiness or<br>dizziness   | Professio<br>nal<br>judgeme<br>nt | NOAEL Not<br>available |                       |
| Xylene         | Inhalation | auditory system                      | Causes damage to organs  | Rat                               | LOAEL 6.3<br>mg/l      | 8 hours               |
| Xylene         | Inhalation | central nervous<br>system depression | May cause drowsiness or dizziness  | Human                             | NOAEL Not<br>available |                       |
| Xylene         | Inhalation | respiratory irritation               | Some positive data exist, but the data are not sufficient for classification | Human                             | NOAEL Not<br>available |                       |
| Xylene         | Inhalation | eyes                                 | Some positive data exist, but the data are not sufficient for classification | Rat                               | NOAEL 3.5<br>mg/l      | not available         |
| Xylene         | Inhalation | liver                                | Some positive data exist, but the data are not sufficient for classification | Multiple<br>animal<br>species     | NOAEL Not<br>available |                       |
| Xylene         | Ingestion  | central nervous<br>system depression | May cause drowsiness or<br>dizziness   | Multiple<br>animal<br>species     | NOAEL Not<br>available |                       |
| Xylene         | Ingestion  | eyes                                 | Some positive data exist, but the data are not sufficient for classification | Rat                               | NOAEL 250<br>mg/kg     | not applicable        |
| Ethylbenzene   | Inhalation | central nervous<br>system depression | May cause drowsiness or dizziness  | Human                             | NOAEL Not<br>available |                       |
| Ethylbenzene   | Inhalation | respiratory irritation               | Some positive data exist, but the data are not sufficient for classification | Human<br>and<br>animal            | NOAEL Not<br>available |                       |
| Ethylbenzene   | Ingestion  | central nervous<br>system depression | May cause drowsiness or<br>dizziness   | Professio<br>nal<br>judgeme<br>nt | NOAEL Not<br>available |                       |
| Ethyl Alcohol  | Inhalation | central nervous<br>system depression | May cause drowsiness or dizziness  | Human                             | LOAEL 2.6<br>mg/l      | 30 minutes            |
| Ethyl Alcohol  | Inhalation | respiratory irritation               | Some positive data exist, but the data are not sufficient for classification | Human                             | LOAEL 9.4<br>mg/l      | not available         |
| Ethyl Alcohol  | Ingestion  | central nervous<br>system depression | May cause drowsiness or<br>dizziness   | Multiple<br>animal<br>species     | NOAEL not<br>available |                       |
| Ethyl Alcohol  | Ingestion  | kidney and/or<br>bladder             | Some positive data exist, but the data are not sufficient for classification | Dog                               | NOAEL<br>3,000 mg/kg   |                       |
| Ethyl Acetate  | Inhalation | central nervous<br>system depression | May cause drowsiness or dizziness  | Human                             | NOAEL Not<br>available |                       |
| Ethyl Acetate  | Inhalation | respiratory irritation               | Some positive data exist, but the data are not sufficient for classification | Human                             | NOAEL Not<br>available |                       |
| Ethyl Acetate  | Ingestion  | central nervous<br>system depression | May cause drowsiness or dizziness  | Human                             | NOAEL Not<br>available |                       |
| Methyl Alcohol | Inhalation | blindness                            | Causes damage to organs  | Human                             | NOAEL Not<br>available | occupational exposure |
| Methyl Alcohol | Inhalation | central nervous                      | May cause drowsiness or  | Human                             | NOAEL Not              | not available         |

|                |            | system depression                    | dizziness  |       | available              |                           |
|----------------|------------|--------------------------------------|--|-------|------------------------|---------------------------|
| Methyl Alcohol | Inhalation | respiratory irritation               | Some positive data exist, but the data are not sufficient for classification | Rat   | NOAEL Not<br>available | 6 hours                   |
| Methyl Alcohol | Ingestion  | blindness                            | Causes damage to organs  | Human | NOAEL Not<br>available | poisoning<br>and/or abuse |
| Methyl Alcohol | Ingestion  | central nervous<br>system depression | May cause drowsiness or<br>dizziness   | Human | NOAEL Not<br>available | poisoning<br>and/or abuse |
| Toluene        | Inhalation | central nervous<br>system depression | May cause drowsiness or<br>dizziness   | Human | NOAEL Not<br>available |                           |
| Toluene        | Inhalation | respiratory irritation               | Some positive data exist, but the data are not sufficient for classification | Human | NOAEL Not<br>available |                           |
| Toluene        | Inhalation | immune system                        | Some positive data exist, but the data are not sufficient for classification | Mouse | NOAEL<br>0.004 mg/l    | 3 hours                   |
| Toluene        | Ingestion  | central nervous<br>system depression | May cause drowsiness or dizziness  | Human | NOAEL Not<br>available | poisoning<br>and/or abuse |

# Specific Target Organ Toxicity - repeated exposure

| Name        | Route      | Target Organ(s)  | Value  | Species                       | Test Result                 | Exposure<br>Duration |
|-------------|------------|--|--|-------------------------------|-----------------------------|----------------------|
| Cyclohexane | Inhalation | liver  | Some positive data exist, but the data are not sufficient for classification | Rat                           | NOAEL 24<br>mg/l            | 90 days              |
| Cyclohexane | Inhalation | auditory system  | Some positive data exist, but the data are not sufficient for classification | Rat                           | NOAEL 1.7<br>mg/l           | 90 days              |
| Cyclohexane | Inhalation | kidney and/or<br>bladder   | Some positive data exist, but the data are not sufficient for classification | Rabbit                        | NOAEL 2.7<br>mg/l           | 10 weeks             |
| Cyclohexane | Inhalation | hematopoietic<br>system  | Some positive data exist, but the data are not sufficient for classification | Mouse                         | NOAEL 24<br>mg/l            | 14 weeks             |
| Cyclohexane | Inhalation | peripheral nervous system  | All data are negative  | Rat                           | NOAEL 8.6<br>mg/l           | 30 weeks             |
| Xylene      | Inhalation | nervous system   | Causes damage to organs through 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  | Some positive data exist, but the data are not sufficient for classification | Multiple<br>animal<br>species | NOAEL Not<br>available      |                      |
| Xylene      | Inhalation | heart   endocrine<br>system  <br>hematopoietic<br>system   muscles  <br>kidney and/or<br>bladder   respiratory<br>system                                     | All data are negative  | Multiple<br>animal<br>species | NOAEL 3.5<br>mg/l           | 13 weeks             |
| Xylene      | Ingestion  | auditory system  | Some positive data exist, but the data are not sufficient for classification | Rat                           | NOAEL 900<br>mg/kg/day      | 2 weeks              |
| Xylene      | Ingestion  | kidney and/or<br>bladder   | Some positive data exist, but the data are not sufficient for classification | Rat                           | NOAEL<br>1,500<br>mg/kg/day | 90 days              |
| Xylene      | Ingestion  | liver  | Some positive data exist, but the data are not sufficient for classification | 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 | All data are negative  | Mouse                         | NOAEL<br>1,000<br>mg/kg/day | 103 weeks            |

| Ethylbenzene  | Inhalation | system<br>kidney and/or  | Some positive data exist, but the  | Rat                           | NOAEL 1.1                   | 2 years   |
|---|------------|--|--|-------------------------------|-----------------------------|-----------|
| Euryidenzene  | Innaration | bladder  | data are not sufficient for<br>classification                                      | Kai                           | mg/l                        | 2 years   |
| Ethylbenzene  | Inhalation | liver  | Some positive data exist, but the data are not sufficient for classification       | Mouse                         | NOAEL 1.1<br>mg/l           | 103 weeks |
| Ethylbenzene  | Inhalation | hematopoietic<br>system  | Some positive data exist, but the data are not sufficient for classification       | Rat                           | NOAEL 3.4<br>mg/l           | 28 days   |
| Ethylbenzene  | Inhalation | auditory system  | Some positive data exist, but the data are not sufficient for classification       | Rat                           | NOAEL 2.4<br>mg/l           | 5 days    |
| Ethylbenzene  | Inhalation | endocrine system   | Some positive data exist, but the data are not sufficient for classification       | Mouse                         | NOAEL 3.3<br>mg/l           | 103 weeks |
| Ethylbenzene  | Inhalation | bone, teeth, nails,<br>and/or hair  <br>muscles  | All data are negative  | Multiple<br>animal<br>species | NOAEL 4.2<br>mg/l           | 90 days   |
| Ethylbenzene  | Inhalation | heart   immune<br>system   respiratory<br>system   | All data are negative  | Multiple<br>animal<br>species | NOAEL 3.3<br>mg/l           | 2 years   |
| Ethylbenzene  | Ingestion  | liver   kidney and/or<br>bladder   | Some positive data exist, but the data are not sufficient for classification       | Rat                           | NOAEL 680<br>mg/kg/day      | 6 months  |
| Ethyl Alcohol   | Inhalation | liver  | Some positive data exist, but the data are not sufficient for classification       | Rabbit                        | LOAEL 124<br>mg/l           | 365 days  |
| Ethyl Alcohol   | Inhalation | hematopoietic<br>system   immune<br>system   | Some positive data exist, but the data are not sufficient for classification       | Rat                           | NOAEL 25<br>mg/l            | 14 days   |
| Ethyl Alcohol   | Ingestion  | liver  | Some positive data exist, but the<br>data are not sufficient for<br>classification | Rat                           | LOAEL<br>8,000<br>mg/kg/day | 4 months  |
| Ethyl Alcohol   | Ingestion  | kidney and/or<br>bladder   | Some positive data exist, but the data are not sufficient for classification       | Dog                           | NOAEL<br>3,000<br>mg/kg/day | 7 days    |
| Ethyl Acetate   | Inhalation | endocrine system  <br>liver   nervous<br>system  | Some positive data exist, but the data are not sufficient for classification       | Rat                           | NOAEL<br>0.043 mg/l         | 90 days   |
| Ethyl Acetate   | Inhalation | hematopoietic<br>system  | Some positive data exist, but the data are not sufficient for classification       | Rabbit                        | LOAEL 16<br>mg/l            | 40 days   |
| Ethyl Acetate   | Ingestion  | hematopoietic<br>system   liver  <br>kidney and/or<br>bladder  | Some positive data exist, but the data are not sufficient for classification       | Rat                           | NOAEL<br>3,600<br>mg/kg/day | 90 days   |
| Methyl Alcohol  | Inhalation | liver  | All data are negative  | Rat                           | NOAEL 6.55<br>mg/l          | 4 weeks   |
| Methyl Alcohol  | Inhalation | respiratory system   | All data are negative  | Rat                           | NOAEL 13.1<br>mg/l          | 6 weeks   |
| Methyl Alcohol  | Ingestion  | liver   nervous<br>system  | Some positive data exist, but the data are not sufficient for classification       | Rat                           | NOAEL<br>2,500<br>mg/kg/day | 90 days   |
| 4,4'-<br>isopropylidenediphenol-<br>epichlorohydrin Polymer | Dermal     | liver  | Some positive data exist, but the data are not sufficient for classification       | Rat                           | NOAEL<br>1,000<br>mg/kg/day | 2 years   |
| 4,4'-<br>isopropylidenediphenol-<br>epichlorohydrin Polymer | Dermal     | nervous system   | All data are negative  | Rat                           | NOAEL<br>1,000<br>mg/kg/day | 13 weeks  |
| 4,4'-<br>isopropylidenediphenol-<br>epichlorohydrin Polymer | Ingestion  | auditory system  <br>heart   endocrine<br>system  <br>hematopoietic<br>system   liver   eyes  <br>kidney and/or<br>bladder | All data are negative  | Rat                           | NOAEL<br>1,000<br>mg/kg/day | 28 days   |

|         |            | nervous system  <br>eyes   olfactory<br>system | prolonged or repeated exposure   |                               | available                   | and/or abuse             |
|---------|------------|--|--|-------------------------------|-----------------------------|--------------------------|
| Toluene | Inhalation | respiratory system                             | Some positive data exist, but the data are not sufficient for classification | Rat                           | LOAEL 2.3<br>mg/l           | 15 months                |
| Toluene | Inhalation | heart   liver   kidney<br>and/or bladder       | Some positive data exist, but the data are not sufficient for classification | Rat                           | NOAEL 11.3<br>mg/l          | 15 weeks                 |
| Toluene | Inhalation | endocrine system                               | Some positive data exist, but the data are not sufficient for classification | Rat                           | NOAEL 1.1<br>mg/l           | 4 weeks                  |
| Toluene | Inhalation | immune system                                  | Some positive data exist, but the data are not sufficient for classification | Mouse                         | NOAEL Not<br>available      | 20 days                  |
| Toluene | Inhalation | bone, teeth, nails,<br>and/or hair             | Some positive data exist, but the data are not sufficient for classification | Mouse                         | NOAEL 1.1<br>mg/l           | 8 weeks                  |
| Toluene | Inhalation | hematopoietic<br>system   vascular<br>system   | Some positive data exist, but the data are not sufficient for classification | Human                         | NOAEL Not<br>available      | occupational<br>exposure |
| Toluene | Ingestion  | nervous system                                 | Some positive data exist, but the data are not sufficient for classification | Rat                           | NOAEL 625<br>mg/kg/day      | 13 weeks                 |
| Toluene | Ingestion  | heart  | Some positive data exist, but the data are not sufficient for classification | Rat                           | NOAEL<br>2,500<br>mg/kg/day | 13 weeks                 |
| Toluene | Ingestion  | liver   kidney and/or<br>bladder               | Some positive data exist, but the data are not sufficient for classification | Multiple<br>animal<br>species | NOAEL<br>2,500<br>mg/kg/day | 13 weeks                 |
| Toluene | Ingestion  | hematopoietic<br>system                        | Some positive data exist, but the data are not sufficient for classification | Mouse                         | NOAEL 600<br>mg/kg/day      | 14 days                  |
| Toluene | Ingestion  | endocrine system                               | Some positive data exist, but the data are not sufficient for classification | Mouse                         | NOAEL 105<br>mg/kg/day      | 28 days                  |
| Toluene | Ingestion  | immune system                                  | Some positive data exist, but the data are not sufficient for classification | Mouse                         | NOAEL 105<br>mg/kg/day      | 4 weeks                  |

## **Aspiration Hazard**

| Name         | Value             |
|--------------|-------------------|
| Cyclohexane  | Aspiration hazard |
| Xylene       | 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**

## **Ecotoxicological information**

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

## **Chemical fate information**

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

# **SECTION 13: Disposal considerations**

### 13.1. Disposal methods

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

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

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

# **SECTION 14: Transport Information**

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

# **SECTION 15: Regulatory information**

#### **15.1. US Federal Regulations**

Contact 3M for more information.

#### 311/312 Hazard Categories:

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

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

| <u>Ingredient</u>           | <b>C.A.S. No</b> | <u>% by Wt</u>       |
|-----------------------------|------------------|----------------------|
| Cyclohexane                 | 110-82-7         | Trade Secret 30 - 60 |
| Xylene                      | 1330-20-7        | Trade Secret 30 - 60 |
| Xylene (Benzene, dimethyl-) | 1330-20-7        | 30 - 60              |
| Ethylbenzene                | 100-41-4         | Trade Secret < 11    |

#### **15.2. State Regulations**

Contact 3M for more information.

#### **California Proposition 65**

| <u>Ingredient</u> | <u>C.A.S. No.</u> | <b>Classification</b> |
|-------------------|-------------------|-----------------------|
| Ethylbenzene      | 100-41-4          | Carcinogen            |
| Toluene           | 108-88-3          | Developmental Toxin   |
| Methyl Alcohol    | 67-56-1           | Developmental Toxin   |

WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

WARNING: This product contains a chemical known to the State of California to cause cancer.

#### **15.3.** Chemical Inventories

The components of this product are in compliance with the chemical notification requirements of TSCA.

Contact 3M for more information.

#### **15.4. International Regulations**

Contact 3M for more information.

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

# **SECTION 16: Other information**

#### **NFPA Hazard Classification**

Health: 2 Flammability: 3 Instability: 0 Special Hazards: None

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.

| <b>Document Group:</b> | 34-4427-0 | Version Number:  | 2.02     |
|------------------------|-----------|------------------|----------|
| Issue Date:            | 10/04/16  | Supercedes Date: | 05/31/16 |

#### Reason for Reissue

Conversion to GHS format SDS.

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