



Safety Data Sheet

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

SECTION 1: Identification

1.1. Product identifier

3M(TM) Scotch-Weld(TM) Threadlocker TL90, Green

Product Identification Numbers

62-3498-1060-6 62-3498-1065-5 62-3498-3960-5 62-3498-5060-2 62-3498-8360-3
UU-0015-1102-9

1.2. Recommended use and restrictions on use

Intended Use

Adhesive

Restrictions on use

Not applicable

1.3. Supplier's details

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

1.4. Emergency telephone number

Medical Emergency Telephone:1-800-3M HELPS / 1800 364 3577

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

Serious Eye Damage/Irritation: Category 2A.
Skin Corrosion/Irritation: Category 2.
Skin Sensitizer: Category 1.
Specific Target Organ Toxicity (repeated exposure): Category 1.

2.2. Label elements

Signal word

Danger

Symbols

Exclamation mark | Health Hazard |

Pictograms**Hazard statements**

Causes serious eye irritation. Causes skin irritation. May cause an allergic skin reaction.

Causes damage to organs through prolonged or repeated exposure: nervous system | respiratory system |

Precautionary statements**Prevention:**

Do not breathe dust/fume/gas/mist/vapours/spray. Wear protective gloves and eye/face protection. Do not eat, drink or smoke when using this product. Wash exposed skin thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace.

Response:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. Get medical advice/attention if you feel unwell.

Disposal:

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

2.3. Other hazards

None known.

8% of the mixture consists of ingredients of unknown acute inhalation toxicity.

SECTION 3: Composition/information on ingredients

This material is a mixture.

| Ingredient | C.A.S. No. | % by Wt | Common Name |
|-----------------------------------|------------|-------------------------|--|
| Triethylene Glycol Dimethacrylate | 109-16-0 | 80 - 100 Trade Secret * | 2-Propenoic acid, 2-methyl-, 1,2-ethanediylbis(oxy-2,1-ethanediyl) ester |
| Hydroxypropyl Methacrylate | 27813-02-1 | 5 - 10 Trade Secret * | 2-Propenoic acid, 2-methyl-, monoester with 1,2-propanediol |
| Acrylic Acid | 79-10-7 | 1 - 5 Trade Secret * | 2-Propenoic acid |
| Cumene Hydroperoxide | 80-15-9 | < 1.5 | Hydroperoxide, 1-methyl-1-phenylethyl |
| 1-Acetyl-2-Phenylhydrazine | 114-83-0 | 0.1 - 1 Trade Secret * | Acetic acid, 2-phenylhydrazide |
| Saccharin | 81-07-2 | <= 1 | 1,2-Benzisothiazol-3(2H)-one, 1,1-dioxide |
| 2,2'-(P-tolylimino)Diethanol | 3077-12-1 | <= 0.5 | Ethanol, 2,2'-[(4-methylphenyl)imino]bis- |

*The actual concentration of this ingredient has been withheld as a trade secret.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation:

Remove person to fresh air. 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. Remove contact lenses if easy to do. Continue rinsing. Get medical attention.

If Swallowed:

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

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

Allergic skin reaction (redness, swelling, blistering, and itching). 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

In case of fire: Use a fire fighting agent suitable for ordinary combustible material such as water or foam to extinguish.

5.2. Unsuitable extinguishing media

None Determined

5.3. Special hazards arising from the substance or mixture

None inherent in this product.

Hazardous Decomposition or By-Products

| <u>Substance</u> | <u>Condition</u> |
|--------------------|-------------------|
| Carbon monoxide | During Combustion |
| Carbon dioxide | During Combustion |
| Oxides of Nitrogen | During Combustion |
| Oxides of Sulfur | During Combustion |

5.4. Special protection actions for fire-fighters

Wear full protective equipment (Bunker Gear) and a self-contained breathing apparatus (SCBA). Wear full protective clothing, including helmet, self-contained, positive pressure or pressure demand breathing apparatus, bunker coat and pants, bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Evacuate area. Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapours, in accordance with good industrial hygiene practice. Refer to other sections of this SDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment.

6.2. Environmental precautions

Avoid release to the environment. For larger spills, cover drains and build dikes to prevent entry into sewer systems or bodies of water.

6.3. Methods and material for containment and cleaning up

Contain spill. 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. Place in a closed 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 breathe dust/fume/gas/mist/vapours/spray. Do not get in eyes, on skin, or on clothing. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wash contaminated clothing before reuse. Avoid contact with oxidizing agents (eg. chlorine, chromic acid etc.)

7.2. Conditions for safe storage including any incompatibilities

Protect from sunlight. Store away from heat. 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 |
|----------------------|------------|--------|---------------------------------|--------------------------------|
| Acrylic Acid | 79-10-7 | ACGIH | TWA:2 ppm | Danger of cutaneous absorption |
| Cumene Hydroperoxide | 80-15-9 | AIHA | TWA:6 mg/m ³ (1 ppm) | SKIN |

ACGIH : American Conference of Governmental Industrial Hygienists

AIHA : American Industrial Hygiene Association

CMRG : Chemical Manufacturer's Recommended Guidelines

TWA: Time-Weighted-Average

STEL: Short Term Exposure Limit

CEIL: Ceiling

8.2. Exposure controls**8.2.1. Engineering controls**

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

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

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

Safety Glasses with side shields

Indirect Vented Goggles

Skin/hand protection

Select and use gloves and/or protective clothing approved to relevant local standards to prevent skin contact based on the

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

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

Respiratory protection

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

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

Half facepiece or full facepiece supplied-air respirator

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

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|--|--|
| Physical state | Liquid |
| Specific Physical Form: | Thixotropic Liquid |
| Colour | Green |
| Odour | Mild Solvent |
| Odour threshold | <i>No Data Available</i> |
| pH | <i>Not Applicable</i> |
| Melting point/Freezing point | <i>Not Applicable</i> |
| Boiling point | ≥ 148.9 °C [<i>@ 101,324.72 Pa</i>] |
| Flash Point | ≥ 100 °C [<i>Test Method: Tagliabue Closed Cup</i>] |
| Evaporation rate | Negligible |
| Flammability | Not Applicable |
| Flammable Limits(LEL) | <i>No Data Available</i> |
| Flammable Limits(UEL) | <i>No Data Available</i> |
| Vapour Pressure | ≤ 666.6 Pa |
| Vapour Density and/or Relative Vapour Density | 1.01 [<i>Ref Std: AIR=1</i>] |
| Density | 1.1 - 1.15 g/ml [<i>@ 20 °C</i>] |
| Relative density | 1.1 - 1.15 [<i>@ 20 °C</i>] [<i>Ref Std: WATER=1</i>] |
| Water solubility | Negligible |
| Solubility- non-water | <i>No Data Available</i> |
| Partition coefficient: n-octanol/ water | <i>No Data Available</i> |
| Autoignition temperature | <i>No Data Available</i> |
| Decomposition temperature | <i>No Data Available</i> |
| Kinematic Viscosity | 18.2 mm ² /sec |
| Volatile Organic Compounds | <i>No Data Available</i> |
| Percent volatile | <i>No Data Available</i> |
| VOC Less H₂O & Exempt Solvents | < 5 g/l [<i>Test Method: calculated SCAQMD rule 443.1</i>] |
| Molecular weight | <i>Not Applicable</i> |

Particle Characteristics

Not Applicable

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

Light

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:

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

Eye Contact:

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

Ingestion:

Gastrointestinal Irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea. May cause additional health effects (see below).

Additional Health Effects:**Prolonged or repeated exposure may cause target organ effects:**

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. Respiratory Effects: Signs/symptoms may include cough, shortness of breath, chest tightness, wheezing, increased heart rate, bluish coloured skin (cyanosis), sputum production, changes in lung function tests, and/or respiratory failure.

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 >5,000 mg/kg |
| Overall product | Inhalation-Vapor(4 hr) | | No data available; calculated ATE >50 mg/l |
| Overall product | Ingestion | | No data available; calculated ATE >5,000 mg/kg |
| Triethylene Glycol Dimethacrylate | Dermal | Mouse | LD50 > 2,000 |
| Triethylene Glycol Dimethacrylate | Ingestion | Rat | LD50 10,837 mg/kg |
| Hydroxypropyl Methacrylate | Dermal | Rabbit | LD50 > 5,000 mg/kg |
| Hydroxypropyl Methacrylate | Ingestion | Rat | LD50 > 11,200 mg/kg |
| Acrylic Acid | Dermal | Rabbit | LD50 > 2,000 mg/kg |
| Acrylic Acid | Inhalation-Dust/Mist (4 hours) | Rat | LC50 3.8 mg/l |
| Acrylic Acid | Ingestion | Rat | LD50 1,250 mg/kg |
| Cumene Hydroperoxide | Dermal | Rat | LD50 500 mg/kg |
| Cumene Hydroperoxide | Inhalation-Vapor (4 hours) | Rat | LC50 1.4 mg/l |
| Cumene Hydroperoxide | Ingestion | Rat | LD50 382 mg/kg |
| Saccharin | Ingestion | Mouse | LD50 17,000 mg/kg |
| Saccharin | Dermal | similar health hazards | LD50 estimated to be > 5,000 mg/kg |
| 1-Acetyl-2-Phenylhydrazine | Dermal | | LD50 estimated to be 200 - 1,000 mg/kg |
| 1-Acetyl-2-Phenylhydrazine | Ingestion | Mouse | LD50 270 mg/kg |
| 2,2'-(P-tolylimino)Diethanol | Dermal | Rabbit | LD50 > 2,000 mg/kg |
| 2,2'-(P-tolylimino)Diethanol | Ingestion | Rat | LD50 959 mg/kg |

ATE = acute toxicity estimate

Skin Corrosion/Irritation

| Name | Species | Value |
|-----------------------------------|-------------------------|---------------------------|
| Triethylene Glycol Dimethacrylate | Rabbit | No significant irritation |
| Hydroxypropyl Methacrylate | Rabbit | Minimal irritation |
| Acrylic Acid | Rabbit | Corrosive |
| Cumene Hydroperoxide | official classification | Corrosive |
| Saccharin | similar compounds | No significant irritation |
| 2,2'-(P-tolylimino)Diethanol | Rabbit | No significant irritation |

Serious Eye Damage/Irritation

| Name | Species | Value |
|-----------------------------------|---------|---------------------------|
| Triethylene Glycol Dimethacrylate | Rabbit | No significant irritation |

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| Hydroxypropyl Methacrylate | Rabbit | Moderate irritant |
| Acrylic Acid | Rabbit | Corrosive |
| Cumene Hydroperoxide | official classification | Corrosive |
| Saccharin | similar compounds | No significant irritation |
| 2,2'-(P-tolylimino)Diethanol | Rabbit | Corrosive |

Skin Sensitization

| Name | Species | Value |
|-----------------------------------|------------------------|----------------|
| Triethylene Glycol Dimethacrylate | Mouse | Sensitizing |
| Hydroxypropyl Methacrylate | Human and animal | Sensitizing |
| Acrylic Acid | Guinea pig | Not classified |
| Saccharin | Mouse | Not classified |
| 1-Acetyl-2-Phenylhydrazine | Professional judgement | Sensitizing |
| 2,2'-(P-tolylimino)Diethanol | Mouse | Sensitizing |

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 |
|-----------------------------------|----------|--|
| Triethylene Glycol Dimethacrylate | In Vitro | Some positive data exist, but the data are not sufficient for classification |
| Hydroxypropyl Methacrylate | In vivo | Not mutagenic |
| Hydroxypropyl Methacrylate | In Vitro | Some positive data exist, but the data are not sufficient for classification |
| Acrylic Acid | In vivo | Not mutagenic |
| Acrylic Acid | In Vitro | Some positive data exist, but the data are not sufficient for classification |
| Cumene Hydroperoxide | In vivo | Not mutagenic |
| Cumene Hydroperoxide | In Vitro | Some positive data exist, but the data are not sufficient for classification |
| Saccharin | In Vitro | Not mutagenic |
| Saccharin | In vivo | Some positive data exist, but the data are not sufficient for classification |
| 1-Acetyl-2-Phenylhydrazine | In Vitro | Some positive data exist, but the data are not sufficient for classification |
| 2,2'-(P-tolylimino)Diethanol | In Vitro | Not mutagenic |

Carcinogenicity

| Name | Route | Species | Value |
|-----------------------------------|-----------|---------|--|
| Triethylene Glycol Dimethacrylate | Dermal | Mouse | Not carcinogenic |
| Acrylic Acid | Ingestion | Rat | Not carcinogenic |
| Acrylic Acid | Dermal | Mouse | Some positive data exist, but the data are not sufficient for classification |
| Saccharin | Ingestion | Mouse | Not carcinogenic |

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

| Name | Route | Value | Species | Test result | Exposure Duration |
|-----------------------------------|-----------|--|---------|-------------|-------------------|
| Triethylene Glycol Dimethacrylate | Ingestion | Not classified for female reproduction | Rat | NOAEL 1,000 | prematuring |

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| | | | | mg/kg/day | into lactation |
|-----------------------------------|------------|--|-------|-----------------------|--------------------------|
| Triethylene Glycol Dimethacrylate | Ingestion | Not classified for male reproduction | Rat | NOAEL 1,000 mg/kg/day | 5 weeks |
| Triethylene Glycol Dimethacrylate | Ingestion | Not classified for development | Rat | NOAEL 1,000 mg/kg/day | premating into lactation |
| Hydroxypropyl Methacrylate | Ingestion | Not classified for female reproduction | Rat | NOAEL 1,000 mg/kg/day | premating into lactation |
| Hydroxypropyl Methacrylate | Ingestion | Not classified for male reproduction | Rat | NOAEL 1,000 mg/kg/day | 49 days |
| Hydroxypropyl Methacrylate | Ingestion | Not classified for development | Rat | NOAEL 1,000 mg/kg/day | during gestation |
| Acrylic Acid | Ingestion | Not classified for female reproduction | Rat | NOAEL 460 mg/kg/day | 2 generation |
| Acrylic Acid | Ingestion | Not classified for male reproduction | Rat | NOAEL 460 mg/kg/day | 2 generation |
| Acrylic Acid | Inhalation | Not classified for development | Rat | NOAEL 1.1 mg/l | during organogenesis |
| Acrylic Acid | Ingestion | Not classified for development | Rat | NOAEL 53 mg/kg/day | 2 generation |
| Saccharin | Ingestion | Not classified for female reproduction | Mouse | NOAEL 714 mg/kg/day | 6 generation |
| Saccharin | Ingestion | Not classified for male reproduction | Mouse | NOAEL 714 mg/kg/day | 6 generation |
| Saccharin | Ingestion | Not classified for development | Mouse | NOAEL 2,000 mg/kg/day | during gestation |

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

| Name | Route | Target Organ(s) | Value | Species | Test result | Exposure Duration |
|------------------------------|------------|-----------------------------------|--|------------------------|---------------------|-----------------------|
| Hydroxypropyl Methacrylate | Inhalation | respiratory irritation | Some positive data exist, but the data are not sufficient for classification | similar health hazards | NOAEL Not available | |
| Acrylic Acid | Inhalation | respiratory irritation | Some positive data exist, but the data are not sufficient for classification | Human | NOAEL Not available | |
| Cumene Hydroperoxide | Inhalation | central nervous system depression | May cause drowsiness or dizziness | Human | NOAEL Not available | occupational exposure |
| Cumene Hydroperoxide | Inhalation | respiratory irritation | May cause respiratory irritation | Human | NOAEL Not available | occupational exposure |
| Cumene Hydroperoxide | Ingestion | central nervous system depression | May cause drowsiness or dizziness | Professional judgement | NOAEL Not available | |
| 2,2'-(P-tolylimino)Diethanol | Inhalation | respiratory irritation | Some positive data exist, but the data are not sufficient for classification | similar health hazards | NOAEL Not available | |

Specific Target Organ Toxicity - repeated exposure

| Name | Route | Target Organ(s) | Value | Species | Test result | Exposure Duration |
|-----------------------------------|-----------|---|----------------|---------|-----------------------|-------------------|
| Triethylene Glycol Dimethacrylate | Dermal | liver | Not classified | Mouse | NOAEL 2,000 mg/kg/day | 13 weeks |
| Triethylene Glycol Dimethacrylate | Dermal | skin | Not classified | Mouse | NOAEL 100 mg/kg/day | 13 weeks |
| Triethylene Glycol Dimethacrylate | Dermal | gastrointestinal tract hematopoietic system nervous system kidney and/or bladder respiratory system | Not classified | Mouse | NOAEL 2,000 mg/kg/day | 13 weeks |
| Triethylene Glycol Dimethacrylate | Ingestion | hematopoietic system liver | Not classified | Rat | NOAEL 3,849 | 13 weeks |

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| | | nervous system kidney and/or bladder eyes | | | mg/kg/day | |
| Hydroxypropyl Methacrylate | Inhalation | blood | Not classified | Rat | NOAEL 0.5 mg/l | 21 days |
| Hydroxypropyl Methacrylate | Ingestion | hematopoietic system heart endocrine system liver immune system nervous system kidney and/or bladder | Not classified | Rat | NOAEL 1,000 mg/kg/day | 41 days |
| Cumene Hydroperoxide | Inhalation | nervous system respiratory system | Causes damage to organs through prolonged or repeated exposure | Rat | LOAEL 0.2 mg/l | 7 days |
| Cumene Hydroperoxide | Inhalation | heart liver kidney and/or bladder | Not classified | Rat | NOAEL 0.03 mg/l | 90 days |
| Saccharin | Ingestion | hematopoietic system | Not classified | Mouse | NOAEL 1,500 mg/kg/day | 1 years |
| Saccharin | Ingestion | kidney and/or bladder | Not classified | Rat | NOAEL 7,500 mg/kg/day | 1 months |
| 1-Acetyl-2-Phenylhydrazine | Ingestion | hematopoietic system | Causes damage to organs through prolonged or repeated exposure | Dog | LOAEL 4 mg/kg/day | 7 days |

Aspiration Hazard

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

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

SECTION 12: Ecological information

No data available.

SECTION 13: Disposal considerations**13.1. Disposal methods**

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

Dispose of completely cured (or polymerized) material in a permitted industrial waste facility. As a disposal alternative, incinerate uncured product in a permitted waste incineration facility. Proper destruction may require the use of additional fuel during incineration processes. Empty drums/barrels/containers used for transporting and handling hazardous chemicals (chemical substances/mixtures/preparations classified as Hazardous as per applicable regulations) shall be considered, stored, treated & disposed of as hazardous wastes unless otherwise defined by applicable waste regulations. Consult with the respective regulating authorities to determine the available treatment and disposal facilities.

SECTION 14: Transport Information

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

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****Global inventory status**

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

SECTION 16: Other information

National Fire Protection Association (NFPA) hazard ratings are designed for use by emergency response personnel to address the hazards that are presented by short-term, acute exposure to a material under conditions of fire, spill, or similar emergencies. Hazard ratings are primarily based on the inherent physical and toxic properties of the material but also include the toxic properties of combustion or decomposition products that are known to be generated in significant quantities.

Health: 2 Flammability: 1 Instability: 1 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.

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

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