



Safety Data Sheet

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| Issue Date: | 05/31/16 | Supersedes Date: | 09/11/14 |

SECTION 1: Identification

1.1. Product identifier

3M(TM) Scotch-Weld(TM) Threadlocker TL62, Red

Product Identification Numbers

62-3495-1060-2, 62-3495-1065-1, 62-3495-3960-1, 62-3495-5060-8, 62-3495-8360-9

1.2. Recommended use and restrictions on use

Recommended use

Adhesive

1.3. Supplier's details

| | |
|----------------------|-----------------------------------------|
| MANUFACTURER: | 3M |
| DIVISION: | Industrial Adhesives and Tapes 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

2.1. Hazard classification

Serious Eye Damage/Irritation: Category 2A.

Skin Corrosion/Irritation: Category 2.

Skin Sensitizer: Category 1.

Carcinogenicity: Category 1B.

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.
 May cause cancer.

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

Precautionary Statements

Prevention:

Obtain special instructions before use.
 Do not handle until all safety precautions have been read and understood.
 Do not breathe dust/fume/gas/mist/vapors/spray.
 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 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.
 IF exposed or concerned: Get medical advice/attention.

Storage:

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

SECTION 3: Composition/information on ingredients

| Ingredient | C.A.S. No. | % by Wt |
|-----------------------------------------------|---------------|------------------------|
| Polyethylene Glycol Dimethacrylate | 25852-47-5 | 50 - 80 Trade Secret * |
| Polyester Resin (NJTS Reg. No. 04499600-7087) | Trade Secret* | 10 - 30 Trade Secret * |
| Hydroxypropyl Methacrylate | 27813-02-1 | 1 - 10 Trade Secret * |
| Amorphous Silica | 112945-52-5 | 1 - 5 Trade Secret * |

| | | |
|-----------------------------------|----------|-----------------------|
| Filler | None | 1 - 5 Trade Secret * |
| Acrylic Acid | 79-10-7 | <= 2 Trade Secret * |
| Cumene Hydroperoxide | 80-15-9 | <= 2 Trade Secret * |
| Saccharin | 81-07-2 | <= 2 Trade Secret * |
| Triethylene Glycol Dimethacrylate | 109-16-0 | <= 1 Trade Secret * |
| 1-Acetyl-2-Phenylhydrazine | 114-83-0 | <= 0.5 Trade Secret * |
| Methyl Methacrylate | 80-62-6 | <= 0.2 Trade Secret * |
| N,N-Dimethyl-p-Toluidine | 99-97-8 | <= 0.2 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. 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

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 ordinary combustible material such as water or foam to extinguish.

5.2. Special hazards arising from the substance or mixture

None inherent in this product.

Hazardous Decomposition or By-Products

Substance

Carbon monoxide
Carbon dioxide
Oxides of Nitrogen
Oxides of Sulfur

Condition

During Combustion
During Combustion
During Combustion
During Combustion

5.3. Special protective actions for fire-fighters

No special protective actions for fire-fighters are anticipated.

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 vapors, 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.

SECTION 7: Handling and storage**7.1. Precautions for safe handling**

Do not handle until all safety precautions have been read and understood. 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.) Use personal protective equipment (gloves, respirators, etc.) as required.

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 |
|----------------------------|-------------|-------------------------|-------------------------------------------------------------------------------|-----------------------------------------------|
| SILICA, AMORPHOUS | 112945-52-5 | OSHA | TWA concentration:0.8 mg/m ³ ;TWA:20 millions of particles/cu. ft. | |
| Hydroxypropyl Methacrylate | 27813-02-1 | CMRG | CEIL:3 ppm | |
| Acrylic Acid | 79-10-7 | ACGIH | TWA:2 ppm | A4: Not class. as human carcin, Skin Notation |
| Acrylic Acid | 79-10-7 | Manufacturer determined | STEL:5 ppm(15 mg/m ³) | |
| Cumene Hydroperoxide | 80-15-9 | AIHA | TWA:6 mg/m ³ (1 ppm) | Skin Notation |
| Methyl Methacrylate | 80-62-6 | OSHA | TWA:410 mg/m ³ (100 ppm) | |
| Methyl Methacrylate | 80-62-6 | ACGIH | TWA:50 ppm;STEL:100 ppm | Dermal Sensitizer, A4: Not class. as human |

| | | | | |
|--------------------------|---------|------|-------------|--------|
| | | | | carcin |
| N,N-Dimethyl-p-Toluidine | 99-97-8 | AIHA | TWA:0.5 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 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:

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: | Thixotropic Liquid |
| Odor, Color, Grade: | Mild odor, red liquid |
| Odor threshold | <i>No Data Available</i> |
| pH | <i>Not Applicable</i> |
| Melting point | <i>Not Applicable</i> |
| Boiling Point | >=300 °F [@ 760 mmHg] |
| Flash Point | >=212 °F [<i>Test Method: Tagliabue Closed Cup</i>] |
| Evaporation rate | Negligible |
| Flammability (solid, gas) | Not Applicable |
| Flammable Limits(LEL) | <i>No Data Available</i> |
| Flammable Limits(UEL) | <i>No Data Available</i> |
| Vapor Pressure | <=5 mmHg |

| | |
|-----------------------------------------|-------------------------------------------------------------|
| Vapor Density | 1.01 [<i>Ref Std:</i> AIR=1] |
| Density | 1.1 - 1.15 g/ml [@ 20 °C] |
| Specific Gravity | 1.1 - 1.15 [@ 20 °C] [<i>Ref Std:</i> WATER=1] |
| Solubility in Water | 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> |
| Viscosity | 3,000 - 7,500 centipoise [@ 20 °C] |
| Hazardous Air Pollutants | < 2.5 % weight [<i>Test Method:</i> Calculated] |
| VOC Less H2O & Exempt Solvents | < 5 g/l [<i>Test Method:</i> 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

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 colored skin (cyanosis), sputum production, changes in lung function tests, and/or respiratory failure.

Carcinogenicity:

Contains a chemical or chemicals which can cause cancer.

| Ingredient | CAS No. | Class Description | Regulation |
|--------------------------|---------|-------------------------------|---------------------------------------------|
| N,N-Dimethyl-p-Toluidine | 99-97-8 | 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 > 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 |
| Polyethylene Glycol Dimethacrylate | Dermal | | LD50 estimated to be > 5,000 mg/kg |
| Polyethylene Glycol Dimethacrylate | Ingestion | Rat | LD50 > 5,000 mg/kg |
| Hydroxypropyl Methacrylate | Dermal | Rabbit | LD50 > 5,000 mg/kg |
| Hydroxypropyl Methacrylate | Ingestion | Rat | LD50 11,200 mg/kg |
| Amorphous Silica | Dermal | Rabbit | LD50 > 5,000 mg/kg |
| Amorphous Silica | Inhalation-Dust/Mist (4 hours) | Rat | LC50 > 0.691 mg/l |
| Amorphous Silica | Ingestion | Rat | LD50 > 5,110 mg/kg |
| Saccharin | Ingestion | Mouse | LD50 17,000 mg/kg |
| Acrylic Acid | Dermal | Rabbit | LD50 295 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 | Rat | LC50 1.4 mg/l |

| | | | |
|-----------------------------------|--------------------------------|------------------------|----------------------------------------|
| | hours) | | |
| Cumene Hydroperoxide | Ingestion | Rat | LD50 382 mg/kg |
| Triethylene Glycol Dimethacrylate | Dermal | Professional judgement | LD50 estimated to be > 5,000 mg/kg |
| Triethylene Glycol Dimethacrylate | Ingestion | Rat | LD50 10,837 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 |
| N,N-Dimethyl-p-Toluidine | Dermal | Rabbit | LD50 > 2,000 mg/kg |
| N,N-Dimethyl-p-Toluidine | Inhalation-Dust/Mist (4 hours) | Rat | LC50 1.4 mg/l |
| N,N-Dimethyl-p-Toluidine | Ingestion | Rat | LD50 1,650 mg/kg |
| Methyl Methacrylate | Dermal | Rabbit | LD50 > 5,000 mg/kg |
| Methyl Methacrylate | Inhalation-Vapor (4 hours) | Rat | LC50 29 mg/l |
| Methyl Methacrylate | Ingestion | Rat | LD50 7,900 mg/kg |

ATE = acute toxicity estimate

Skin Corrosion/Irritation

| Name | Species | Value |
|-----------------------------------|------------------|---------------------------|
| Amorphous Silica | Rabbit | No significant irritation |
| Acrylic Acid | Rabbit | Corrosive |
| Cumene Hydroperoxide | Rabbit | Corrosive |
| Triethylene Glycol Dimethacrylate | Guinea pig | Mild irritant |
| Methyl Methacrylate | Human and animal | Mild irritant |

Serious Eye Damage/Irritation

| Name | Species | Value |
|-----------------------------------|------------------------|---------------------------|
| Amorphous Silica | Rabbit | No significant irritation |
| Acrylic Acid | Rabbit | Corrosive |
| Cumene Hydroperoxide | Rabbit | Corrosive |
| Triethylene Glycol Dimethacrylate | Professional judgement | Moderate irritant |
| Methyl Methacrylate | Rabbit | Moderate irritant |

Skin Sensitization

| Name | Species | Value |
|-----------------------------------|------------------|------------------------------------------------------------------------------|
| Amorphous Silica | Human and animal | Not sensitizing |
| Acrylic Acid | Guinea pig | Some positive data exist, but the data are not sufficient for classification |
| Triethylene Glycol Dimethacrylate | Human and animal | Sensitizing |
| Methyl Methacrylate | Human and animal | Sensitizing |

Respiratory Sensitization

| Name | Species | Value |
|---------------------|---------|------------------------------------------------------------------------------|
| Methyl Methacrylate | Human | Some positive data exist, but the data are not sufficient for classification |

Germ Cell Mutagenicity

| Name | Route | Value |
|-----------------------------------|----------|------------------------------------------------------------------------------|
| Amorphous Silica | In Vitro | Not mutagenic |
| 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 |
| Triethylene Glycol Dimethacrylate | In Vitro | Some positive data exist, but the data are not sufficient for classification |
| Methyl Methacrylate | In vivo | Not mutagenic |
| Methyl Methacrylate | In Vitro | Some positive data exist, but the data are not sufficient for classification |

Carcinogenicity

| Name | Route | Species | Value |
|-----------------------------------|---------------|-------------------------|------------------------------------------------------------------------------|
| Amorphous Silica | Not Specified | Mouse | Some positive data exist, but the data are not sufficient for classification |
| Acrylic Acid | Ingestion | Rat | Not carcinogenic |
| Acrylic Acid | Dermal | Mouse | Some positive data exist, but the data are not sufficient for classification |
| Triethylene Glycol Dimethacrylate | Dermal | Mouse | Not carcinogenic |
| N,N-Dimethyl-p-Toluidine | Ingestion | Multiple animal species | Carcinogenic |
| Methyl Methacrylate | Ingestion | Rat | Not carcinogenic |
| Methyl Methacrylate | Inhalation | Human and animal | Not carcinogenic |

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

| Name | Route | Value | Species | Test Result | Exposure Duration |
|-----------------------------------|------------|--------------------------------------------------------------------------------------------|---------|-----------------------|----------------------|
| Amorphous Silica | Ingestion | Not toxic to female reproduction | Rat | NOAEL 509 mg/kg/day | 1 generation |
| Amorphous Silica | Ingestion | Not toxic to male reproduction | Rat | NOAEL 497 mg/kg/day | 1 generation |
| Amorphous Silica | Ingestion | Not toxic to development | Rat | NOAEL 1,350 mg/kg/day | during organogenesis |
| Acrylic Acid | Ingestion | Not toxic to female reproduction | Rat | NOAEL 460 mg/kg/day | 2 generation |
| Acrylic Acid | Ingestion | Not toxic to male reproduction | Rat | NOAEL 460 mg/kg/day | 2 generation |
| Acrylic Acid | Inhalation | Not toxic to development | Rat | NOAEL 1.1 mg/l | during organogenesis |
| Acrylic Acid | Ingestion | Some positive developmental data exist, but the data are not sufficient for classification | Rat | NOAEL 53 mg/kg/day | 2 generation |
| Triethylene Glycol Dimethacrylate | Ingestion | Not toxic to female reproduction | Mouse | NOAEL 1 mg/kg/day | 1 generation |
| Triethylene Glycol Dimethacrylate | Ingestion | Not toxic to male reproduction | Mouse | NOAEL 1 mg/kg/day | 1 generation |
| Triethylene Glycol Dimethacrylate | Ingestion | Not toxic to development | Mouse | NOAEL 1 mg/kg/day | 1 generation |
| Methyl Methacrylate | Inhalation | Not toxic to male reproduction | Mouse | NOAEL 36.9 mg/l | |
| Methyl Methacrylate | Inhalation | Not toxic to development | Rat | NOAEL 8.3 mg/l | during organogenesis |

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

| Name | Route | Target Organ(s) | Value | Species | Test Result | Exposure Duration |
|----------------------|------------|-----------------------------------|------------------------------------------------------------------------------|------------------------|---------------------|-----------------------|
| 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 | |
| Methyl Methacrylate | Inhalation | respiratory irritation | May cause respiratory irritation | Human | NOAEL Not available | occupational exposure |

Specific Target Organ Toxicity - repeated exposure

| Name | Route | Target Organ(s) | Value | Species | Test Result | Exposure Duration |
|-----------------------------------|------------|---------------------------------------|------------------------------------------------------------------------------|-------------------------|---------------------|-----------------------|
| Amorphous Silica | Inhalation | respiratory system silicosis | All data are negative | Human | NOAEL Not available | occupational exposure |
| 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 | Some positive data exist, but the data are not sufficient for classification | Rat | NOAEL 0.03 mg/l | 90 days |
| Triethylene Glycol Dimethacrylate | Dermal | kidney and/or bladder | Some positive data exist, but the data are not sufficient for classification | Mouse | NOAEL 833 mg/kg/day | 78 weeks |
| Triethylene Glycol Dimethacrylate | Dermal | blood | All data are negative | Mouse | NOAEL 833 mg/kg/day | 78 weeks |
| Methyl Methacrylate | Dermal | peripheral nervous system | Some positive data exist, but the data are not sufficient for classification | Human | NOAEL Not available | occupational exposure |
| Methyl Methacrylate | Inhalation | olfactory system | Causes damage to organs through prolonged or repeated exposure | Human | NOAEL Not available | occupational exposure |
| Methyl Methacrylate | Inhalation | kidney and/or bladder | Some positive data exist, but the data are not sufficient for classification | Multiple animal species | NOAEL Not available | 14 weeks |
| Methyl Methacrylate | Inhalation | liver | Some positive data exist, but the data are not sufficient for classification | Mouse | NOAEL 12.3 mg/l | 14 weeks |
| Methyl Methacrylate | Inhalation | respiratory system | Some positive data exist, but the data are not sufficient for classification | Human | NOAEL Not available | occupational exposure |

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**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 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.

EPA Hazardous Waste Number (RCRA): Not regulated

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 - No 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> | <u>C.A.S. No</u> | <u>% by Wt</u> |
|----------------------|------------------|-------------------|
| Acrylic Acid | 79-10-7 | Trade Secret <= 2 |
| Saccharin | 81-07-2 | Trade Secret <= 2 |
| Cumene Hydroperoxide | 80-15-9 | Trade Secret <= 2 |

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.

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: 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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