



Safety Data Sheet

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|------------------------|------------|-------------------------|------------|
| Document group: | 41-7884-4 | Version number: | 4.02 |
| Issue Date: | 2025/12/12 | Supersedes Date: | 2025/12/12 |

SECTION 1: Identification

1.1. Product identifier

3M™ Scotch-Weld™ Low Odor Acrylic Adhesive DP8710NS, Black, Kit

Product Identification Numbers

| | | | | |
|----------------|----------------|----------------|----------------|----------------|
| 62-2870-1445-0 | 62-2870-3630-5 | 62-2870-5030-6 | HB-0047-4326-4 | HB-0047-4336-3 |
| HB-0047-5956-7 | HB-0047-5957-5 | HB-0047-7418-6 | HB-0047-7421-0 | JS-3000-5112-0 |
| JS-3000-5114-6 | JS-3000-5122-9 | XA-0092-2709-2 | XA-0092-2710-0 | |

1.2. Recommended use and restrictions on use

Recommended use

Adhesive

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
E Mail:

1.4. Emergency telephone number

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

This product is a kit or a multipart product which consists of multiple, independently packaged components. A Safety Data Sheet (SDS) or Article Information Sheet (AIS) for each of these components is included. Please do not separate the component documents from this cover page. The document numbers for components of this product are:

41-7883-6, 41-7837-2

Transport in accordance with applicable regulations.

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



Safety Data Sheet

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Document group: 41-7837-2 **Version number:** 4.02
Issue Date: 2026/01/08 **Supersedes Date:** 2025/12/12

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

SECTION 1: Identification

1.1. Product identifier

3M™ Scotch-Weld™ Low Odor Acrylic Adhesive DP8710NS, Black, Part B

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 Sensitizer: Category 1A.

2.2. Label elements

Signal word
Warning

Symbols

Exclamation mark |

Pictograms



Hazard Statements

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

Precautionary statements

Prevention:

Avoid breathing vapours. Wash exposed skin thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves and eye protection.

Response:

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

Disposal:

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

2.3. Other hazards

None known.

29% of the mixture consists of ingredients of unknown acute oral toxicity.

29% of the mixture consists of ingredients of unknown acute dermal toxicity.

50% 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 |
|---------------------------------|--------------|------------------------|---|
| 2-hydroxyethyl methacrylate | 868-77-9 | 15 - 40 Trade Secret * | 2-Propenoic acid, 2-methyl-, 2-hydroxyethyl ester |
| Cyclohexyl methacrylate | 101-43-9 | 4.9 - 15 | No Data Available |
| Proprietary polymer | Trade Secret | 4 - 15 | Not Applicable |
| Lauryl methacrylate | 142-90-5 | 3 - 13 | No Data Available |
| Acrylic Copolymer | Trade Secret | 0.1 - 10 | Not Applicable |
| Butadiene-Acrylonitrile Polymer | 9003-18-3 | 3 - 10 | 2-Propenenitrile, polymer with 1,3-butadiene |
| Kaolin | 1332-58-7 | 0.9 - 10 | Kaolin |
| Amorphous silica | 67762-90-7 | 1 - 5 | Siloxanes and Silicones, di-Me, reaction products with silica |
| Myristyl methacrylate | 2549-53-3 | 1 - 5 | No Data Available |
| Urethane Acrylate Oligomer | Trade Secret | 0.1 - 5 | Not Applicable |
| Phosphate methacrylate | 1627542-04-4 | < 3 | No Data Available |
| Hexadecyl methacrylate | 2495-27-4 | 0.1 - 2 | No Data Available |
| Hydroxypropyl methacrylate | 27813-02-1 | 0.3 - 1.8 | 2-Propenoic acid, 2-methyl-, monoester with 1,2-propanediol |
| Diethylene Glycol, | 2351-43-1 | <= 1 | No Data Available |

| | | | |
|---------------------|-----------|---------|---|
| Monomethacrylate | | | |
| Carbon Black | 1333-86-4 | <= 0.9 | Carbon black |
| Methyl Methacrylate | 80-62-6 | <= 0.15 | 2-Propenoic acid, 2-methyl-, methyl ester |

Proprietary polymer is a non-hazardous material according to WHMIS criteria. Specific information has been withheld as a trade secret.

Acrylic Copolymer is a non-hazardous material according to WHMIS criteria. Specific information has been withheld as a trade secret.

Urethane Acrylate Oligomer is a non-hazardous material according to WHMIS criteria. Specific information has been withheld as a trade secret.

Carbon black is inextricably bound in this product. Exposure to carbon black is not expected during product use

*The concentration (exact or range) of this component 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).

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 |
| Hydrogen Chloride | During Combustion |
| Oxides of Nitrogen | 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. Use personal protective equipment based on the results of an exposure assessment. Refer to Section 8 for PPE recommendations. If anticipated exposure resulting from an accidental release exceeds the protective capabilities of the PPE listed in Section 8, or are unknown, select PPE that offers an appropriate level of protection. Consider the physical and chemical hazards of the material when doing so. Examples of PPE ensembles for emergency response could include wearing bunker gear for a release of flammable material; wearing chemical protective clothing if the spilled material is a corrosive, a sensitizer, a significant dermal irritant, or can be absorbed through the skin; or donning a positive pressure supplied-air respirator for chemicals with inhalation hazards. For information regarding physical and health hazards, refer to sections 2 and 11 of the SDS.

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

For industrial or professional use only. Not for consumer sale or use. Avoid breathing 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

Store away from heat. Store away from acids. Store away from strong bases. Store away from oxidizing agents. Store away from amines.

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 |
|--------------|------------|--------|--|---------------------|
| Kaolin | 1332-58-7 | ACGIH | TWA(respirable fraction):2 mg/m ³ | |
| Carbon Black | 1333-86-4 | ACGIH | TWA(inhalable fraction):3 mg/m ³ | |

| | | | | |
|---------------------|---------|-------|-------------------------|-------------------|
| Methyl Methacrylate | 80-62-6 | ACGIH | TWA:50 ppm;STEL:100 ppm | Dermal Sensitizer |
|---------------------|---------|-------|-------------------------|-------------------|

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 (e.g., spraying, high splash potential, etc.), then use of a protective apron may be necessary. See recommended glove material(s) for determining appropriate apron material(s). If a glove material is not available as an apron, polymer laminate is a suitable option.

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: | Paste |
| Colour | Black |
| Odour | Mild Acrylate |
| Odour threshold | No Data Available |
| pH | Not Applicable |

| | |
|--|---|
| Melting point/Freezing point | <i>Not Applicable</i> |
| Boiling point | <i>No Data Available</i> |
| Flash Point | <i>> 93.3 °C [Test Method:Closed Cup]</i> |
| Evaporation rate | <i>No Data Available</i> |
| Flammability | <i>Not Applicable</i> |
| Flammable Limits(LEL) | <i>No Data Available</i> |
| Flammable Limits(UEL) | <i>No Data Available</i> |
| Vapour Pressure | <i>No Data Available</i> |
| Relative Vapour Density | <i>No Data Available</i> |
| Density | <i>1.04 g/ml</i> |
| Relative density | <i>1.04 [Ref Std:WATER=1]</i> |
| Water solubility | <i>Nil</i> |
| 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 | <i>38,462 mm²/sec</i> |
| Volatile Organic Compounds | <i>No Data Available</i> |
| Percent volatile | <i>No Data Available</i> |
| VOC Less H₂O & Exempt Solvents | <i><=10 g/l [Test Method:calculated SCAQMD rule 443.1] [Details:when used as intended with Part A]</i> |
| VOC Less H₂O & Exempt Solvents | <i><=575 g/l [Test Method:calculated SCAQMD rule 443.1] [Details:as supplied]</i> |
| VOC Less H₂O & Exempt Solvents | <i><=1 % [Test Method:calculated SCAQMD rule 443.1] [Details:when used as intended with Part A]</i> |
| Molecular weight | <i>Not Applicable</i> |

| | |
|---------------------------------|-----------------------|
| Particle Characteristics | <i>Not Applicable</i> |
|---------------------------------|-----------------------|

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

Amines

Strong acids

Strong bases

Strong oxidizing agents

10.6. Hazardous decomposition products

Substance

Condition

None known.

Refer to section 5.2 for hazardous decomposition products during combustion.

SECTION 11: Toxicological information

The information below may not be consistent with the material classification in Section 2 if specific ingredient classifications are mandated by a competent authority. In addition, toxicological data on ingredients may not be reflected in the material classification and/or the signs and symptoms of exposure, because an ingredient may be present below the threshold for labeling, an ingredient may not be available for exposure, or the data may not be relevant to the material as a whole.

11.1. Information on Toxicological effects

Signs and Symptoms of Exposure

Based on test data and/or information on the components, this material may produce the following health effects:

Inhalation:

Respiratory Tract Irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

Skin Contact:

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

Carcinogenicity:

| Ingredient | CAS No. | Class Description | Regulation |
|--------------|-----------|-------------------------------|---|
| Carbon black | 1333-86-4 | 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 >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 |
| 2-hydroxyethyl methacrylate | Dermal | Rabbit | LD50 > 5,000 mg/kg |
| 2-hydroxyethyl methacrylate | Ingestion | Rat | LD50 5,564 mg/kg |
| Cyclohexyl methacrylate | Dermal | Rat | LD50 > 2,000 mg/kg |
| Cyclohexyl methacrylate | Ingestion | Rat | LD50 12,900 mg/kg |
| Cyclohexyl methacrylate | Inhalation-Vapor | similar compounds | LC50 estimated to be 20 - 50 mg/l |
| Lauryl methacrylate | Ingestion | Rat | LD50 > 5,000 mg/kg |
| Lauryl methacrylate | Dermal | similar compounds | LD50 > 3,000 mg/kg |

| | | | |
|-------------------------------------|--------------------------------|------------------------|--|
| Kaolin | Dermal | | LD50 estimated to be > 5,000 mg/kg |
| Kaolin | Ingestion | Human | LD50 > 15,000 mg/kg |
| Butadiene-Acrylonitrile Polymer | Dermal | Rabbit | LD50 > 15,000 mg/kg |
| Butadiene-Acrylonitrile Polymer | Ingestion | Rat | LD50 > 30,000 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 |
| Myristyl methacrylate | Dermal | Rabbit | LD50 > 3,000 mg/kg |
| Myristyl methacrylate | Ingestion | Rat | LD50 > 5,000 mg/kg |
| Phosphate methacrylate | Ingestion | Rat | LD50 > 2,000 mg/kg |
| Phosphate methacrylate | Dermal | similar health hazards | LD50 estimated to be 2,000 - 5,000 mg/kg |
| Hydroxypropyl methacrylate | Dermal | Rabbit | LD50 > 5,000 mg/kg |
| Hydroxypropyl methacrylate | Ingestion | Rat | LD50 > 2,000 mg/kg |
| Hexadecyl methacrylate | Dermal | Rabbit | LD50 > 3,000 mg/kg |
| Hexadecyl methacrylate | Ingestion | Rat | LD50 > 5,000 mg/kg |
| Diethylene Glycol, Monomethacrylate | Dermal | similar compounds | LD50 > 5,000 mg/kg |
| Diethylene Glycol, Monomethacrylate | Ingestion | similar compounds | LD50 5,564 mg/kg |
| Carbon Black | Dermal | Rabbit | LD50 > 3,000 mg/kg |
| Carbon Black | Ingestion | Rat | LD50 > 8,000 mg/kg |
| Methyl Methacrylate | Dermal | Rabbit | LD50 > 5,000 mg/kg |
| Methyl Methacrylate | Inhalation-Vapor (4 hours) | Rat | LC50 29.8 mg/l |
| Methyl Methacrylate | Ingestion | Rat | LD50 7,900 mg/kg |

ATE = acute toxicity estimate

Skin Corrosion/Irritation

| Name | Species | Value |
|-------------------------------------|------------------------|---------------------------|
| 2-hydroxyethyl methacrylate | Rabbit | Minimal irritation |
| Cyclohexyl methacrylate | Rabbit | Minimal irritation |
| Lauryl methacrylate | similar compounds | Minimal irritation |
| Butadiene-Acrylonitrile Polymer | Professional judgement | No significant irritation |
| Kaolin | Professional judgement | No significant irritation |
| Amorphous silica | Rabbit | No significant irritation |
| Myristyl methacrylate | Rabbit | Minimal irritation |
| Phosphate methacrylate | Professional judgement | No significant irritation |
| Hydroxypropyl methacrylate | Rabbit | Minimal irritation |
| Hexadecyl methacrylate | Rabbit | Minimal irritation |
| Diethylene Glycol, Monomethacrylate | similar compounds | Minimal irritation |
| Carbon Black | Rabbit | No significant irritation |
| Methyl Methacrylate | Rabbit | Irritant |

Serious Eye Damage/Irritation

| Name | Species | Value |
|-------------------------------------|------------------------|---------------------------|
| 2-hydroxyethyl methacrylate | Rabbit | Moderate irritant |
| Cyclohexyl methacrylate | In vitro data | Severe irritant |
| Lauryl methacrylate | similar compounds | No significant irritation |
| Butadiene-Acrylonitrile Polymer | Professional judgement | No significant irritation |
| Kaolin | Professional judgement | No significant irritation |
| Amorphous silica | Rabbit | No significant irritation |
| Myristyl methacrylate | Rabbit | No significant irritation |
| Phosphate methacrylate | Professional judgement | Corrosive |
| Hydroxypropyl methacrylate | Rabbit | Moderate irritant |
| Hexadecyl methacrylate | Rabbit | No significant irritation |
| Diethylene Glycol, Monomethacrylate | similar compounds | Moderate irritant |
| Carbon Black | Rabbit | No significant irritation |
| Methyl Methacrylate | Rabbit | Mild irritant |

Skin Sensitization

| Name | Species | Value |
|-------------------------------------|------------------------|--|
| 2-hydroxyethyl methacrylate | Human and animal | Sensitizing |
| Cyclohexyl methacrylate | Mouse | Sensitizing |
| Lauryl methacrylate | Guinea pig | Not classified |
| Amorphous silica | Human and animal | Not classified |
| Myristyl methacrylate | Professional judgement | Some positive data exist, but the data are not sufficient for classification |
| Phosphate methacrylate | Professional judgement | Sensitizing |
| Hydroxypropyl methacrylate | Human and animal | Sensitizing |
| Hexadecyl methacrylate | Mouse | Some positive data exist, but the data are not sufficient for classification |
| Diethylene Glycol, Monomethacrylate | similar compounds | Sensitizing |
| Methyl Methacrylate | Human and animal | Sensitizing |

Respiratory Sensitization

| Name | Species | Value |
|---------------------|---------|----------------|
| Methyl Methacrylate | Human | Not classified |

Germ Cell Mutagenicity

| Name | Route | Value |
|-------------------------------------|----------|--|
| 2-hydroxyethyl methacrylate | In vivo | Not mutagenic |
| 2-hydroxyethyl methacrylate | In Vitro | Some positive data exist, but the data are not sufficient for classification |
| Cyclohexyl methacrylate | In Vitro | Not mutagenic |
| Lauryl methacrylate | In Vitro | Not mutagenic |
| Lauryl methacrylate | In vivo | Not mutagenic |
| Amorphous silica | In Vitro | Not mutagenic |
| Myristyl methacrylate | In Vitro | Not mutagenic |
| Phosphate methacrylate | In Vitro | Not mutagenic |
| Hydroxypropyl methacrylate | In vivo | Not mutagenic |
| Hydroxypropyl methacrylate | In Vitro | Some positive data exist, but the data are not sufficient for classification |
| Diethylene Glycol, Monomethacrylate | In Vitro | Some positive data exist, but the data are not sufficient for classification |
| Carbon Black | In Vitro | Not mutagenic |
| Carbon Black | In vivo | 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 |
|---------------------|---------------|-------------------------|--|
| Kaolin | Inhalation | Multiple animal species | Not carcinogenic |
| Amorphous silica | Not Specified | Mouse | Some positive data exist, but the data are not sufficient for classification |
| Carbon Black | Dermal | Mouse | Not carcinogenic |
| Carbon Black | Ingestion | Mouse | Not carcinogenic |
| Carbon Black | Inhalation | Rat | 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 |
|-----------------------------|-----------|--|---------|-----------------------|-------------------------------|
| 2-hydroxyethyl methacrylate | Ingestion | Not classified for female reproduction | Rat | NOAEL 1,000 mg/kg/day | pre mating & during gestation |
| 2-hydroxyethyl methacrylate | Ingestion | Not classified for male reproduction | Rat | NOAEL 1,000 mg/kg/day | 49 days |
| 2-hydroxyethyl methacrylate | Ingestion | Not classified for development | Rat | NOAEL 1,000 mg/kg/day | pre mating & during gestation |
| Cyclohexyl methacrylate | Ingestion | Not classified for female reproduction | Rat | NOAEL 1,000 mg/kg/day | pre mating into lactation |
| Cyclohexyl methacrylate | Ingestion | Not classified for male reproduction | Rat | NOAEL 1,000 mg/kg/day | 15 weeks |
| Cyclohexyl methacrylate | Ingestion | Not classified for development | Rabbit | NOAEL 500 mg/kg/day | during gestation |
| Lauryl methacrylate | Ingestion | Not classified for female reproduction | Rat | NOAEL 1,000 mg/kg/day | pre mating into lactation |
| Lauryl methacrylate | Ingestion | Not classified for male reproduction | Rat | NOAEL 1,000 mg/kg/day | 6 weeks |
| Lauryl methacrylate | Ingestion | Not classified for development | Rat | NOAEL 1,000 mg/kg/day | pre mating into lactation |
| Amorphous silica | Ingestion | Not classified for female reproduction | Rat | NOAEL 509 | 1 generation |

| | | | | mg/kg/day | |
|----------------------------|------------|--|--------|-----------------------|---------------------------|
| Amorphous silica | Ingestion | Not classified for male reproduction | Rat | NOAEL 497 mg/kg/day | 1 generation |
| Amorphous silica | Ingestion | Not classified for development | Rat | NOAEL 1,350 mg/kg/day | during organogenesis |
| Hydroxypropyl methacrylate | Ingestion | Not classified for female reproduction | Rat | NOAEL 1,000 mg/kg/day | pre mating 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 |
| Methyl Methacrylate | Ingestion | Not classified for female reproduction | Rat | NOAEL 400 mg/kg/day | 2 generation |
| Methyl Methacrylate | Ingestion | Not classified for male reproduction | Rat | NOAEL 400 mg/kg/day | 2 generation |
| Methyl Methacrylate | Ingestion | Not classified for development | Rabbit | NOAEL 450 mg/kg/day | during gestation |
| Methyl Methacrylate | Inhalation | Not classified for 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 |
|-------------------------------------|------------|------------------------|--|-------------------------|---------------------|-----------------------|
| Cyclohexyl methacrylate | Inhalation | respiratory irritation | May cause respiratory irritation | official classification | NOAEL Not available | |
| Lauryl methacrylate | Inhalation | respiratory irritation | Some positive data exist, but the data are not sufficient for classification | Professional judgement | NOAEL Not available | |
| Myristyl methacrylate | Inhalation | respiratory irritation | Some positive data exist, but the data are not sufficient for classification | Professional judgement | NOAEL not available | |
| Phosphate methacrylate | Inhalation | respiratory irritation | Some positive data exist, but the data are not sufficient for classification | similar health hazards | NOAEL Not available | |
| Hydroxypropyl methacrylate | Inhalation | respiratory irritation | May cause respiratory irritation | similar compounds | NOAEL Not available | |
| Diethylene Glycol, Monomethacrylate | Inhalation | respiratory irritation | Some positive data exist, but the data are not sufficient for classification | similar health hazards | 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 |
|-------------------------|-----------|-----------------------|----------------|---------|-----------------------|-------------------|
| Cyclohexyl methacrylate | Ingestion | endocrine system | Not classified | Rat | NOAEL 1,000 mg/kg/day | 15 weeks |
| Cyclohexyl methacrylate | Ingestion | hematopoietic system | Not classified | Rat | NOAEL 1,000 mg/kg/day | 15 weeks |
| Cyclohexyl methacrylate | Ingestion | liver | Not classified | Rat | NOAEL 1,000 mg/kg/day | 15 weeks |
| Cyclohexyl methacrylate | Ingestion | kidney and/or bladder | Not classified | Rat | NOAEL 1,000 mg/kg/day | 15 weeks |
| Cyclohexyl methacrylate | Ingestion | nervous system | Not classified | Rat | NOAEL | 15 weeks |

| | | | | | | |
|-------------------------------|------------|------------------------------|---|-------------------------------|-----------------------------|--------------------------|
| | | | | | 1,000 mg/kg/day | |
| Cyclohexyl methacrylate | Ingestion | eyes | Not classified | Rat | NOAEL 1,000 mg/kg/day | 15 weeks |
| Lauryl methacrylate | Ingestion | hematopoietic system | Not classified | Rat | NOAEL 1,000 mg/kg/day | 6 weeks |
| Lauryl methacrylate | Ingestion | liver | Not classified | Rat | NOAEL 1,000 mg/kg/day | 6 weeks |
| Lauryl methacrylate | Ingestion | kidney and/or bladder | Not classified | Rat | NOAEL 1,000 mg/kg/day | 6 weeks |
| Kaolin | Inhalation | pneumoconiosis | Causes damage to organs through prolonged or repeated exposure | Human | NOAEL NA | occupational exposure |
| Kaolin | Inhalation | pulmonary fibrosis | Not classified | Rat | NOAEL Not available | |
| Amorphous silica | Inhalation | respiratory system | Not classified | Human | NOAEL Not available | occupational exposure |
| Amorphous silica | Inhalation | silicosis | Not classified | Human | NOAEL Not available | occupational exposure |
| Hydroxypropyl methacrylate | Inhalation | blood | Not classified | Rat | NOAEL 0.5 mg/l | 21 days |
| Hydroxypropyl methacrylate | Ingestion | hematopoietic system | Not classified | Rat | NOAEL 1,000 mg/kg/day | 41 days |
| Hydroxypropyl methacrylate | Ingestion | heart | Not classified | Rat | NOAEL 1,000 mg/kg/day | 41 days |
| Hydroxypropyl methacrylate | Ingestion | endocrine system | Not classified | Rat | NOAEL 1,000 mg/kg/day | 41 days |
| Hydroxypropyl methacrylate | Ingestion | liver | Not classified | Rat | NOAEL 1,000 mg/kg/day | 41 days |
| Hydroxypropyl methacrylate | Ingestion | immune system | Not classified | Rat | NOAEL 1,000 mg/kg/day | 41 days |
| Hydroxypropyl methacrylate | Ingestion | nervous system | Not classified | Rat | NOAEL 1,000 mg/kg/day | 41 days |
| Hydroxypropyl methacrylate | Ingestion | kidney and/or bladder | Not classified | Rat | NOAEL 1,000 mg/kg/day | 41 days |
| Carbon Black | Inhalation | pneumoconiosis | Not classified | Human | NOAEL Not available | occupational exposure |
| Methyl Methacrylate | Dermal | peripheral nervous system | Not classified | 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 | Not classified | Multiple animal species | NOAEL Not available | 14 weeks |
| Methyl Methacrylate | Inhalation | liver | Not classified | Mouse | NOAEL 12.3 mg/l | 14 weeks |
| Methyl Methacrylate | Inhalation | respiratory system | Not classified | Human | NOAEL Not available | occupational exposure |
| Methyl Methacrylate | Ingestion | kidney and/or bladder | Not classified | Rat | NOAEL 90.3 mg/kg/day | 2 years |
| Methyl Methacrylate | Ingestion | heart | Not classified | Rat | NOAEL 90.3 mg/kg/day | 2 years |
| Methyl Methacrylate | Ingestion | skin | Not classified | Rat | NOAEL 90.3 mg/kg/day | 2 years |
| Methyl Methacrylate | Ingestion | endocrine system | Not classified | Rat | NOAEL 90.3 mg/kg/day | 2 years |
| Methyl Methacrylate | Ingestion | gastrointestinal tract | Not classified | Rat | NOAEL 90.3 mg/kg/day | 2 years |

| | | | | | | |
|---------------------|-----------|----------------------|----------------|-----|----------------------|---------|
| Methyl Methacrylate | Ingestion | hematopoietic system | Not classified | Rat | NOAEL 90.3 mg/kg/day | 2 years |
| Methyl Methacrylate | Ingestion | liver | Not classified | Rat | NOAEL 90.3 mg/kg/day | 2 years |
| Methyl Methacrylate | Ingestion | muscles | Not classified | Rat | NOAEL 90.3 mg/kg/day | 2 years |
| Methyl Methacrylate | Ingestion | nervous system | Not classified | Rat | NOAEL 90.3 mg/kg/day | 2 years |
| Methyl Methacrylate | Ingestion | respiratory system | Not classified | Rat | NOAEL 90.3 mg/kg/day | 2 years |

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. Combustion products will include halogen acid (HCl/HF/HBr). Facility must be capable of handling halogenated materials. 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.

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: 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.

| | | | |
|------------------------|------------|-------------------------|------------|
| Document group: | 41-7837-2 | Version number: | 4.02 |
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3M Canada SDSs are available at www.3M.ca



Safety Data Sheet

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Document group: 41-7883-6 **Version number:** 3.00
Issue Date: 2025/12/12 **Supersedes Date:** 2024/05/03

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

SECTION 1: Identification

1.1. Product identifier

3M™ Scotch-Weld™ Low Odor Acrylic Adhesive DP8710NS, Black, Part A

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

Acute Toxicity (oral): Category 4.
Serious Eye Damage/Irritation: Category 2A.
Skin Sensitizer: Category 1B.

2.2. Label elements

Signal word
Warning

Symbols

Exclamation mark |

Pictograms



Hazard Statements

Harmful if swallowed. Causes serious eye irritation. May cause an allergic skin reaction.

Precautionary statements

Prevention:

Avoid breathing vapours. Wash exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves and eye protection.

Response:

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

Disposal:

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

2.3. Other hazards

None known.

11% of the mixture consists of ingredients of unknown acute oral toxicity.

SECTION 3: Composition/information on ingredients

This material is a mixture.

| Ingredient | C.A.S. No. | % by Wt | Common Name |
|-------------------------------|--------------|---------|--|
| Dibenzoate Propanol | 27138-31-4 | 45 - 65 | Propanol, oxybis-, dibenzoate |
| Acrylate Polymer | 25101-28-4 | 10 - 30 | 2-Propenoic acid, 2-methyl-, methyl ester, polymer with 1,3-butadiene, butyl 2-propenoate and ethenylbenzene |
| Di-aryl heterocyclic compound | Trade Secret | 10 - 30 | Trade Secret * |
| Organic Peroxide | 13122-18-4 | 3 - 7 | Trade Secret * |

Di-aryl heterocyclic compound is a hazardous material according to WHMIS criteria. Refer to Section 15 for further trade secret information

*The concentration (exact or range) of this component 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).

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

Substance

Carbon monoxide
Carbon dioxide

Condition

During Combustion
During Combustion

5.4. Special protection actions for fire-fighters

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. Use personal protective equipment based on the results of an exposure assessment. Refer to Section 8 for PPE recommendations. If anticipated exposure resulting from an accidental release exceeds the protective capabilities of the PPE listed in Section 8, or are unknown, select PPE that offers an appropriate level of protection. Consider the physical and chemical hazards of the material when doing so. Examples of PPE ensembles for emergency response could include wearing bunker gear for a release of flammable material; wearing chemical protective clothing if the spilled material is a corrosive, a sensitizer, a significant dermal irritant, or can be absorbed through the skin; or donning a positive pressure supplied-air respirator for chemicals with inhalation hazards. For information regarding physical and health hazards, refer to sections 2 and 11 of the SDS.

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

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

For industrial or professional use only. Not for consumer sale or use. Avoid breathing 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 acids. Store away from strong bases. Store away from oxidizing agents. Store in a dry place. Store away from amines.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits

No occupational exposure limit values exist for any of the components listed in Section 3 of this SDS.

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 (e.g., spraying, high splash potential, etc.), then use of a protective apron may be necessary. See recommended glove material(s) for determining appropriate apron material(s). If a glove material is not available as an apron, polymer laminate is a suitable option.

Respiratory protection

An exposure assessment may be needed to decide if a respirator is required. If a respirator is needed, use respirators as part

of a full respiratory protection program. Based on the results of the exposure assessment, select from the following respirator type(s) to reduce inhalation exposure:

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

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

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|---|--|
| Physical state | Liquid |
| Specific Physical Form: | Paste |
| Colour | Gray |
| Odour | Mild Hydrocarbon |
| Odour threshold | <i>No Data Available</i> |
| pH | <i>Not Applicable</i> |
| Melting point/Freezing point | <i>Not Applicable</i> |
| Boiling point | >=65.6 °C |
| Flash Point | > 93.3 °C [Test Method:Closed Cup] |
| Evaporation rate | <i>No Data Available</i> |
| Flammability | <i>Not Applicable</i> |
| Flammable Limits(LEL) | <i>No Data Available</i> |
| Flammable Limits(UEL) | <i>No Data Available</i> |
| Vapour Pressure | <i>No Data Available</i> |
| Relative Vapour Density | <i>No Data Available</i> |
| Density | 1.08 g/ml |
| Relative density | 1.08 [Ref Std:WATER=1] |
| Water solubility | Nil |
| 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 | 18,500 mm ² /sec |
| Volatile Organic Compounds | <=61 g/l [Test Method:calculated SCAQMD rule 443.1] [Details:EU VOC content] |
| Percent volatile | < 6 |
| VOC Less H ₂ O & Exempt Solvents | <=10 g/l [Test Method:calculated SCAQMD rule 443.1] [Details:when used as intended with Part B] |
| VOC Less H ₂ O & Exempt Solvents | <=61 g/l [Test Method:calculated SCAQMD rule 443.1] [Details:as supplied] |
| VOC Less H ₂ O & Exempt Solvents | <=1 % [Test Method:calculated SCAQMD rule 443.1] [Details:when used as intended with Part B] |
| Molecular weight | <i>Not Applicable</i> |

| | |
|--------------------------|-----------------------|
| Particle Characteristics | <i>Not Applicable</i> |
|--------------------------|-----------------------|

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

Amines

Strong acids

Strong bases

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.

Skin Contact:

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

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

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 | Ingestion | | No data available; calculated ATE >300 - =2,000 mg/kg |
| Dibenoate Propanol | Dermal | Rat | LD50 > 2,000 mg/kg |
| Dibenoate Propanol | Inhalation-Dust/Mist (4 hours) | Rat | LC50 > 200 mg/l |
| Dibenoate Propanol | Ingestion | Rat | LD50 3,295 mg/kg |
| Acrylate Polymer | Dermal | | LD50 estimated to be > 5,000 mg/kg |
| Acrylate Polymer | Ingestion | Rat | LD50 > 5,000 mg/kg |
| Di-aryl heterocyclic compound | Ingestion | Rat | LD50 >300, <2000 mg/kg |
| Organic Peroxide | Dermal | Rat | LD50 > 2,000 mg/kg |
| Organic Peroxide | Inhalation-Dust/Mist (4 hours) | Rat | LC50 > 0.8 mg/l |
| Organic Peroxide | Ingestion | Rat | LD50 12,905 mg/kg |

ATE = acute toxicity estimate

Skin Corrosion/Irritation

| Name | Species | Value |
|-------------------------------|---------------|---------------------------|
| Dibenoate Propanol | Rabbit | No significant irritation |
| Di-aryl heterocyclic compound | In vitro data | No significant irritation |
| Organic Peroxide | Rabbit | No significant irritation |

Serious Eye Damage/Irritation

| Name | Species | Value |
|-------------------------------|---------------|---------------------------|
| Dibenoate Propanol | Rabbit | No significant irritation |
| Di-aryl heterocyclic compound | In vitro data | Severe irritant |
| Organic Peroxide | Rabbit | No significant irritation |

Skin Sensitization

| Name | Species | Value |
|-------------------------------|------------|----------------|
| Dibenoate Propanol | Guinea pig | Not classified |
| Di-aryl heterocyclic compound | Guinea pig | Not classified |
| Organic Peroxide | Guinea pig | 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 |
|-------------------------------|----------|---------------|
| Dibenoate Propanol | In Vitro | Not mutagenic |
| Di-aryl heterocyclic compound | In Vitro | Not mutagenic |

Carcinogenicity

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

Reproductive Toxicity

Reproductive and/or Developmental Effects

| Name | Route | Value | Species | Test result | Exposure Duration |
|--------------------|-----------|--|---------|-------------|-------------------|
| Dibenoate Propanol | Ingestion | Not classified for female reproduction | Rat | NOAEL 500 | 2 generation |

| | | | | mg/kg/day | |
|--------------------|-----------|--------------------------------------|-----|-----------------------|------------------|
| Dibenoate Propanol | Ingestion | Not classified for male reproduction | Rat | NOAEL 400 mg/kg/day | 2 generation |
| Dibenoate Propanol | Ingestion | Not classified for development | Rat | NOAEL 1,000 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 |
|-------------------------------|------------|------------------------|--|------------------------|---------------------|-------------------|
| Di-aryl heterocyclic compound | 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 |
|--------------------|-----------|----------------------|----------------|---------|-----------------------|-------------------|
| Dibenoate Propanol | Ingestion | hematopoietic system | Not classified | Rat | NOAEL 2,500 mg/kg/day | 90 days |
| Dibenoate Propanol | Ingestion | liver | Not classified | Rat | NOAEL 2,500 mg/kg/day | 90 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 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.

Trade Secret Information:

HMIRA Registry Number: Filing date:
TBD

Claim status:
Claim for exemption has been filed.

Date of decision:

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:** 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.

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