



## Safety Data Sheet

Copyright, 2022, 3M Canada Company. All rights reserved. Copying and/or downloading of this information for the purpose of properly utilizing 3M products is allowed provided that: (1) the information is copied in full with no changes unless prior written agreement is obtained from 3M, and (2) neither the copy nor the original is resold or otherwise distributed with the intention of earning a profit thereon.

|                        |            |                         |            |
|------------------------|------------|-------------------------|------------|
| <b>Document group:</b> | 11-2411-4  | <b>Version number:</b>  | 16.00      |
| <b>Issue Date:</b>     | 2022/07/22 | <b>Supersedes Date:</b> | 2021/11/25 |

## SECTION 1: Identification

### 1.1. Product identifier

3M(TM) SCOTCH-WELD(TM) EPOXY ADHESIVE DP420, OFF-WHITE

#### Product Identification Numbers

|                |                |                |                |                |
|----------------|----------------|----------------|----------------|----------------|
| 62-3280-1430-3 | 62-3280-1431-1 | 62-3280-1435-2 | 62-3280-1436-0 | 62-3280-1438-6 |
| 62-3280-1439-4 | 62-3280-3530-8 | 62-3280-3830-2 | 62-3280-3835-1 | H0-0020-4632-6 |
| HB-0042-5601-0 | HB-0042-8919-3 | HB-0045-6088-2 | HB-0045-6110-4 | JS-3000-4922-3 |
| UU-0121-1719-6 | XT-0007-2033-1 |                |                |                |

### 1.2. Recommended use and restrictions on use

#### Recommended use

Structural 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 / 1-800-364-3577; Transportation Emergency Telephone (CANUTEC): (613) 996-6666

**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:**

22-0528-4, 11-2409-8

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](http://www.3M.ca)**



## Safety Data Sheet

Copyright, 2024, 3M Canada Company. All rights reserved. Copying and/or downloading of this information for the purpose of properly utilizing 3M products is allowed provided that: (1) the information is copied in full with no changes unless prior written agreement is obtained from 3M, and (2) neither the copy nor the original is resold or otherwise distributed with the intention of earning a profit thereon.

|                        |            |                         |            |
|------------------------|------------|-------------------------|------------|
| <b>Document group:</b> | 11-2409-8  | <b>Version number:</b>  | 16.03      |
| <b>Issue Date:</b>     | 2024/04/23 | <b>Supersedes Date:</b> | 2024/02/05 |

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) EPOXY ADHESIVE DP420, OFF-WHITE (PART B)

#### Product Identification Numbers

11-4002-1351-5      JS-3000-4955-3      UU-0116-6649-0      UU-0121-3265-8

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

##### Intended Use

Structural adhesive

##### Restrictions on use

Not applicable

#### 1.3. Supplier's details

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

#### 1.4. Emergency telephone number

Medical Emergency Telephone: 1-800-3M HELPS / 1-800-364-3577; Transportation Emergency Telephone (CANUTEC): (613) 996-6666

### SECTION 2: Hazard identification

#### 2.1. Classification of the substance or mixture

Serious Eye Damage/Irritation: Category 2B.

Skin Sensitizer: Category 1.

#### 2.2. Label elements

##### Signal word

Warning

##### Symbols

Exclamation mark |

**Pictograms****Hazard statements**

Causes eye irritation. May cause an allergic skin reaction.

**Precautionary statements****Prevention:**

Avoid breathing dust/fume/gas/mist/vapours/spray. Wear protective gloves. 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.

**Disposal:**

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

**2.3. Other hazards**

None known.

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

This material is a mixture.

| <b>Ingredient</b> | <b>C.A.S. No.</b> | <b>% by Wt</b>          | <b>Common Name</b>  |
|-------------------|-------------------|-------------------------|---|
| Epoxy Resin       | 25068-38-6        | 80 - 100 Trade Secret * | Phenol, 4,4'-(1-methylethylidene)bis-, polymer with (chloromethyl)oxirane |
| Acrylic Polymer   | Trade Secret      | 1 - 20                  | Not Applicable  |

Acrylic Polymer is a non-hazardous Trade Secret material according to WHMIS criteria.

\*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:**

Flush with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. If signs/symptoms persist, 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. Special hazards arising from the substance or mixture**

None inherent in this product.

**Hazardous Decomposition or By-Products****Substance**

Aldehydes  
Carbon monoxide  
Carbon dioxide  
Hydrogen Chloride  
Irritant Vapours or Gases

**Condition**

During Combustion  
During Combustion  
During Combustion  
During Combustion  
During Combustion

**5.3. Special protective 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**

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 oxidizing agents.

**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 (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

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 |
|----------------|--------|

|  |  |
|--|--|
| <b>Specific Physical Form:</b>                       | Paste  |
| <b>Colour</b>  | White  |
| <b>Odour</b>   | Very Mild Odour  |
| <b>Odour threshold</b>                               | <i>No Data Available</i>   |
| <b>pH</b>  | <i>Not Applicable</i>  |
| <b>Melting point/Freezing point</b>                  | <i>No Data Available</i>   |
| <b>Boiling point</b>                                 | $\geq 260$ °C  |
| <b>Flash Point</b>                                   | 248.9 °C [ <i>Test Method</i> :Closed Cup]   |
| <b>Evaporation rate</b>                              | <i>Not Applicable</i>  |
| <b>Flammability</b>                                  | Not Applicable   |
| <b>Flammable Limits(LEL)</b>                         | <i>Not Applicable</i>  |
| <b>Flammable Limits(UEL)</b>                         | <i>Not Applicable</i>  |
| <b>Vapour Pressure</b>                               | <i>Not Applicable</i>  |
| <b>Vapour Density and/or Relative Vapour Density</b> | <i>Not Applicable</i>  |
| <b>Density</b>                                       | 1.14 g/ml  |
| <b>Relative density</b>                              | 1.14 [ <i>Ref Std</i> :WATER=1]  |
| <b>Water solubility</b>                              | Nil  |
| <b>Solubility- non-water</b>                         | <i>No Data Available</i>   |
| <b>Partition coefficient: n-octanol/ water</b>       | <i>No Data Available</i>   |
| <b>Autoignition temperature</b>                      | <i>No Data Available</i>   |
| <b>Decomposition temperature</b>                     | <i>No Data Available</i>   |
| <b>Kinematic Viscosity</b>                           | 30,702 mm <sup>2</sup> /sec  |
| <b>Volatile Organic Compounds</b>                    | <i>No Data Available</i>   |
| <b>Percent volatile</b>                              | <i>No Data Available</i>   |
| <b>VOC Less H<sub>2</sub>O &amp; Exempt Solvents</b> | 0 g/l [ <i>Test Method</i> :calculated SCAQMD rule 443.1] [ <i>Details</i> :when used as intended with Part A] |
| <b>VOC Less H<sub>2</sub>O &amp; Exempt Solvents</b> | 5 g/l [ <i>Test Method</i> :calculated SCAQMD rule 443.1] [ <i>Details</i> :as supplied]                       |
| <b>VOC Less H<sub>2</sub>O &amp; Exempt Solvents</b> | 0 % [ <i>Test Method</i> :calculated SCAQMD rule 443.1] [ <i>Details</i> :when used as intended with Part A]   |
| <b>Molecular weight</b>                              | <i>No Data Available</i>   |

|                                 |                       |
|---------------------------------|-----------------------|
| <b>Particle Characteristics</b> | <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 is generated during cure. Do not cure a mass larger than 50 grams in a confined space to prevent a premature exothermic reaction with production of intense heat and smoke.

### 10.5. Incompatible materials

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:**

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

**Eye Contact:**

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

**Ingestion:**

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

**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 >5,000 mg/kg |
| Epoxy Resin     | Dermal    | Rat     | LD50 > 1,600 mg/kg                             |
| Epoxy Resin     | Ingestion | Rat     | LD50 > 1,000 mg/kg                             |
| Acrylic Polymer | Dermal    | Rabbit  | LD50 > 5,000 mg/kg                             |
| Acrylic Polymer | Ingestion | Rat     | LD50 > 5,000 mg/kg                             |

ATE = acute toxicity estimate

**Skin Corrosion/Irritation**

| Name            | Species               | Value              |
|-----------------|-----------------------|--------------------|
| Epoxy Resin     | Rabbit                | Mild irritant      |
| Acrylic Polymer | Professional judgment | Minimal irritation |



**Serious Eye Damage/Irritation**

| Name            | Species                | Value             |
|-----------------|------------------------|-------------------|
| Epoxy Resin     | Rabbit                 | Moderate irritant |
| Acrylic Polymer | Professional judgement | Mild irritant     |

**Skin Sensitization**

| Name        | Species          | Value       |
|-------------|------------------|-------------|
| Epoxy Resin | Human and animal | Sensitizing |

**Respiratory Sensitization**

| Name        | Species | Value          |
|-------------|---------|----------------|
| Epoxy Resin | Human   | Not classified |

**Germ Cell Mutagenicity**

| Name        | Route    | Value  |
|-------------|----------|--|
| Epoxy Resin | In vivo  | Not mutagenic  |
| Epoxy Resin | In Vitro | Some positive data exist, but the data are not sufficient for classification |

**Carcinogenicity**

| Name        | Route  | Species | Value  |
|-------------|--------|---------|--|
| Epoxy Resin | Dermal | Mouse   | Some positive data exist, but the data are not sufficient for classification |

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

| Name        | Route     | Value                                  | Species | Test result         | Exposure Duration    |
|-------------|-----------|--|---------|---------------------|----------------------|
| Epoxy Resin | Ingestion | Not classified for female reproduction | Rat     | NOAEL 750 mg/kg/day | 2 generation         |
| Epoxy Resin | Ingestion | Not classified for male reproduction   | Rat     | NOAEL 750 mg/kg/day | 2 generation         |
| Epoxy Resin | Dermal    | Not classified for development         | Rabbit  | NOAEL 300 mg/kg/day | during organogenesis |
| Epoxy Resin | Ingestion | Not classified for development         | Rat     | NOAEL 750 mg/kg/day | 2 generation         |

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

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

**Specific Target Organ Toxicity - repeated exposure**

| Name        | Route     | Target Organ(s) | Value          | Species | Test result           | Exposure Duration |
|-------------|-----------|-----------------|----------------|---------|-----------------------|-------------------|
| Epoxy Resin | Dermal    | liver           | Not classified | Rat     | NOAEL 1,000 mg/kg/day | 2 years           |
| Epoxy Resin | Dermal    | nervous system  | Not classified | Rat     | NOAEL 1,000 mg/kg/day | 13 weeks          |
| Epoxy Resin | Ingestion | auditory system | Not classified | Rat     | NOAEL                 | 28 days           |

|  |  |  |  |  |                 |  |
|--|--|--|--|--|-----------------|--|
|  |  | heart   endocrine system   hematopoietic system   liver   eyes   kidney and/or bladder |  |  | 1,000 mg/kg/day |  |
|--|--|--|--|--|-----------------|--|

**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. 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:** 0 **Special Hazards:** None

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

|                        |            |                         |            |
|------------------------|------------|-------------------------|------------|
| <b>Document group:</b> | 11-2409-8  | <b>Version number:</b>  | 16.03      |
| <b>Issue Date:</b>     | 2024/04/23 | <b>Supersedes Date:</b> | 2024/02/05 |

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](http://www.3M.ca)



## Safety Data Sheet

Copyright, 2024, 3M Canada Company. All rights reserved. Copying and/or downloading of this information for the purpose of properly utilizing 3M products is allowed provided that: (1) the information is copied in full with no changes unless prior written agreement is obtained from 3M, and (2) neither the copy nor the original is resold or otherwise distributed with the intention of earning a profit thereon.

|                        |            |                         |            |
|------------------------|------------|-------------------------|------------|
| <b>Document group:</b> | 22-0528-4  | <b>Version number:</b>  | 4.01       |
| <b>Issue Date:</b>     | 2024/07/23 | <b>Supersedes Date:</b> | 2022/07/21 |

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™ Epoxy Adhesive DP420 Off-White, Part A

#### Product Identification Numbers

JS-3000-4954-6      UU-0128-3683-7

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

##### Intended Use

Structural adhesive

##### Restrictions on use

Not applicable

#### 1.3. Supplier's details

|                   |   |
|-------------------|---|
| <b>Company:</b>   | 3M Canada Company   |
| <b>Division:</b>  | Industrial Adhesives and Tapes Division                                   |
| <b>Address:</b>   | 1840 Oxford Street East, Post Office Box 5757, London, Ontario    N6A 4T1 |
| <b>Telephone:</b> | (800) 364-3577  |
| <b>Website:</b>   | 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 1.

Skin Corrosion/Irritation: Category 1B.

Skin Sensitizer: Category 1.

#### 2.2. Label elements

##### Signal word

Danger

##### Symbols

Corrosion | Exclamation mark |

**Pictograms****Hazard statements**

Causes severe skin burns and eye damage. May cause an allergic skin reaction.

**Precautionary statements****Prevention:**

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

**Response:**

IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTRE or doctor/physician. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

**Storage:**

Store locked up.

**Disposal:**

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

**2.3. Other hazards**

May cause chemical gastrointestinal burns.

## SECTION 3: Composition/information on ingredients

This material is a mixture.

| Ingredient                              | C.A.S. No.   | % by Wt                | Common Name   |
|---|--------------|------------------------|---|
| Modified Epoxy Resin                    | Trade Secret | 40 - 80                | Not Applicable  |
| 4,7,10-Trioxatridecane-1,13-Diamine     | 4246-51-9    | 15 - 40 Trade Secret * | 1-Propanamine, 3,3'-[oxybis(2,1-ethanediylloxy)]bis-          |
| 2,4,6-tris((Dimethylamino)Methyl)Phenol | 90-72-2      | 1 - 5 Trade Secret *   | Phenol, 2,4,6-tris[(dimethylamino)methyl]-                    |
| Amorphous Silica                        | 67762-90-7   | 1 - 5                  | Siloxanes and Silicones, di-Me, reaction products with silica |
| Calcium Salt                            | 55120-75-7   | 1 - 5 Trade Secret *   | Methanesulfonic acid, trifluoro-, calcium salt                |

Modified Epoxy Resin is a non-hazardous Trade Secret material according to WHMIS criteria.

\*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 flush with large amounts of water for at least 15 minutes. Remove contaminated clothing. Get immediate medical attention. Wash clothing before reuse.

#### Eye Contact:

Immediately flush with large amounts of water for at least 15 minutes. Remove contact lenses if easy to do. Continue rinsing. Immediately get medical attention.

#### If Swallowed:

Rinse mouth. Do not induce vomiting. Get immediate medical attention.

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

Skin burns (localized redness, swelling, itching, intense pain, blistering, and tissue destruction). Allergic skin reaction (redness, swelling, blistering, and itching). Serious damage to the eyes (corneal cloudiness, severe pain, tearing, ulcerations, and significantly impaired or loss of vision).

### 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

Exposure to extreme heat can give rise to thermal decomposition.

### Hazardous Decomposition or By-Products

#### Substance

Aldehydes  
Carbon monoxide  
Carbon dioxide  
Hydrogen Fluoride  
Irritant Vapours or Gases  
Oxides of Nitrogen

#### Condition

During Combustion  
During Combustion  
During Combustion  
During Combustion  
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. 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 thermal decomposition products. For industrial or professional use only. Not for consumer sale or use. 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**

Store away from acids. Store away from oxidizing agents.

# **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**

For those situations where the material might be exposed to extreme overheating due to misuse or equipment failure, use with appropriate local exhaust ventilation sufficient to maintain levels of thermal decomposition products below their exposure guidelines. 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:

Full Face Shield

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: Butyl Rubber  
Nitrile Rubber  
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 – Butyl rubber  
Apron – Nitrile  
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:  
For those situations where the material might be exposed to extreme overheating due to misuse or equipment failure, use a positive pressure supplied-air respirator.  
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

|  |   |
|--|---|
| <b>Physical state</b>                                | Liquid  |
| <b>Specific Physical Form:</b>                       | Paste   |
| <b>Colour</b>  | Amber   |
| <b>Odour</b>   | Mild Amine, Pungent Odour   |
| <b>Odour threshold</b>                               | <i>No Data Available</i>  |
| <b>pH</b>  | <i>Not Applicable</i>   |
| <b>Melting point/Freezing point</b>                  | <i>No Data Available</i>  |
| <b>Boiling point</b>                                 | $\geq 175$ °C   |
| <b>Flash Point</b>                                   | $\geq 171.1$ °C [ <i>Test Method</i> :Closed Cup]   |
| <b>Evaporation rate</b>                              | <i>Not Applicable</i>   |
| <b>Flammability</b>                                  | Not Applicable  |
| <b>Flammable Limits(LEL)</b>                         | <i>Not Applicable</i>   |
| <b>Flammable Limits(UEL)</b>                         | <i>Not Applicable</i>   |
| <b>Vapour Pressure</b>                               | <i>Not Applicable</i>   |
| <b>Vapour Density and/or Relative Vapour Density</b> | <i>Not Applicable</i>   |
| <b>Density</b>                                       | 1.12 g/ml   |
| <b>Relative density</b>                              | 1.12 [ <i>Ref Std</i> :WATER=1]   |
| <b>Water solubility</b>                              | Slight (less than 10%)  |
| <b>Solubility- non-water</b>                         | <i>No Data Available</i>  |
| <b>Partition coefficient: n-octanol/ water</b>       | <i>No Data Available</i>  |
| <b>Autoignition temperature</b>                      | <i>No Data Available</i>  |
| <b>Decomposition temperature</b>                     | <i>No Data Available</i>  |
| <b>Kinematic Viscosity</b>                           | 8,929 mm <sup>2</sup> /sec  |
| <b>Volatile Organic Compounds</b>                    | <i>No Data Available</i>  |
| <b>Percent volatile</b>                              | <i>No Data Available</i>  |
| <b>VOC Less H<sub>2</sub>O &amp; Exempt Solvents</b> | 0 g/l [ <i>Test Method</i> :calculated SCAQMD rule 443.1]<br>[ <i>Details</i> :when used as intended with Part B] |



|                                |  |
|--------------------------------|--|
| VOC Less H2O & Exempt Solvents | 0 g/l [ <i>Test Method</i> :calculated SCAQMD rule 443.1] [ <i>Details</i> :as supplied]                     |
| VOC Less H2O & Exempt Solvents | 0 % [ <i>Test Method</i> :calculated SCAQMD rule 443.1] [ <i>Details</i> :when used as intended with Part B] |
| Molecular weight               | No Data Available  |

|                          |                |
|--------------------------|----------------|
| 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 is generated during cure. Do not cure a mass larger than 50 grams in a confined space to prevent a premature exothermic reaction with production of intense heat and smoke.

### 10.5. Incompatible materials

Strong oxidizing agents

### 10.6. Hazardous decomposition products

#### Substance

#### Condition

None known.

Refer to section 5.2 for hazardous decomposition products during combustion.

Extreme heat arising from situations such as misuse or equipment failure can generate hydrogen fluoride as a decomposition product.

## 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:

Corrosive (Skin Burns): Signs/symptoms may include localized redness, swelling, itching, intense pain, blistering, ulceration,

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

### Eye Contact:

Corrosive (Eye Burns): Signs/symptoms may include cloudy appearance of the cornea, chemical burns, severe pain, tearing, ulcerations, significantly impaired vision or complete loss of vision.

### Ingestion:

Gastrointestinal Corrosion: Signs/symptoms may include severe mouth, throat and abdominal pain; nausea; vomiting; and diarrhea; blood in the feces and/or vomitus may also be seen.

### 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                         | Ingestion                      |                        | No data available; calculated ATE >5,000 mg/kg |
| 4,7,10-Trioxatridecane-1,13-Diamine     | Dermal                         | Rabbit                 | LD50 2,525 mg/kg                               |
| 4,7,10-Trioxatridecane-1,13-Diamine     | Ingestion                      | Rat                    | LD50 2,850 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                             |
| 2,4,6-tris((Dimethylamino)Methyl)Phenol | Dermal                         | Rat                    | LD50 1,280 mg/kg                               |
| 2,4,6-tris((Dimethylamino)Methyl)Phenol | Ingestion                      | Rat                    | LD50 1,000 mg/kg                               |
| Calcium Salt                            | Dermal                         | Professional judgement | LD50 estimated to be 2,000 - 5,000 mg/kg       |
| Calcium Salt                            | Ingestion                      | Rat                    | LD50 > 2,000 mg/kg                             |

ATE = acute toxicity estimate

#### Skin Corrosion/Irritation

| Name                                    | Species | Value                     |
|---|---------|---------------------------|
| 4,7,10-Trioxatridecane-1,13-Diamine     | Rabbit  | Corrosive                 |
| Amorphous Silica                        | Rabbit  | No significant irritation |
| 2,4,6-tris((Dimethylamino)Methyl)Phenol | Rabbit  | Corrosive                 |
| Calcium Salt                            | Rabbit  | Minimal irritation        |

#### Serious Eye Damage/Irritation

| Name                                    | Species | Value                     |
|---|---------|---------------------------|
| 4,7,10-Trioxatridecane-1,13-Diamine     | Rabbit  | Corrosive                 |
| Amorphous Silica                        | Rabbit  | No significant irritation |
| 2,4,6-tris((Dimethylamino)Methyl)Phenol | Rabbit  | Corrosive                 |
| Calcium Salt                            | Rabbit  | Corrosive                 |

#### Skin Sensitization

| Name                                | Species                | Value          |
|-------------------------------------|------------------------|----------------|
| 4,7,10-Trioxatridecane-1,13-Diamine | Professional judgement | Sensitizing    |
| Amorphous Silica                    | Human and animal       | Not classified |

**3M™ Scotch-Weld™ Epoxy Adhesive DP420 Off-White, Part A**

|   |            |                |
|---|------------|----------------|
| 2,4,6-tris((Dimethylamino)Methyl)Phenol | Guinea pig | Not classified |
| Calcium Salt                            | Guinea pig | Not classified |

**Respiratory Sensitization**

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

**Germ Cell Mutagenicity**

| Name                                    | Route    | Value         |
|---|----------|---------------|
| 4,7,10-Trioxatridecane-1,13-Diamine     | In Vitro | Not mutagenic |
| Amorphous Silica                        | In Vitro | Not mutagenic |
| 2,4,6-tris((Dimethylamino)Methyl)Phenol | In Vitro | Not mutagenic |
| Calcium Salt                            | In Vitro | Not mutagenic |

**Carcinogenicity**

| Name             | Route         | Species | Value  |
|------------------|---------------|---------|--|
| Amorphous Silica | Not Specified | Mouse   | Some positive data exist, but the data are not sufficient for classification |

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

| Name                                    | Route     | Value                                  | Species | Test result           | Exposure Duration        |
|---|-----------|--|---------|-----------------------|--------------------------|
| 4,7,10-Trioxatridecane-1,13-Diamine     | Ingestion | Not classified for female reproduction | Rat     | NOAEL 600 mg/kg/day   | premating into lactation |
| 4,7,10-Trioxatridecane-1,13-Diamine     | Ingestion | Not classified for male reproduction   | Rat     | NOAEL 600 mg/kg/day   | 59 days                  |
| 4,7,10-Trioxatridecane-1,13-Diamine     | Ingestion | Not classified for development         | Rat     | NOAEL 600 mg/kg/day   | premating into lactation |
| Amorphous Silica                        | Ingestion | Not classified for female reproduction | Rat     | NOAEL 509 mg/kg/day   | 1 generation             |
| 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     |
| 2,4,6-tris((Dimethylamino)Methyl)Phenol | Ingestion | Not classified for male reproduction   | Rat     | NOAEL 150 mg/kg/day   | 2 generation             |
| 2,4,6-tris((Dimethylamino)Methyl)Phenol | Ingestion | Not classified for female reproduction | Rat     | NOAEL 50 mg/kg/day    | 2 generation             |
| 2,4,6-tris((Dimethylamino)Methyl)Phenol | Ingestion | Not classified for development         | Rabbit  | NOAEL 15 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 |
|---|------------|------------------------|--|------------------------|---------------------|-------------------|
| 4,7,10-Trioxatridecane-1,13-Diamine     | Inhalation | respiratory irritation | Some positive data exist, but the data are not sufficient for classification | similar health hazards | NOAEL Not available |                   |
| 2,4,6-tris((Dimethylamino)Methyl)Phenol | Inhalation | respiratory irritation | Some positive data exist, but the data are not sufficient for classification | similar health hazards | NOAEL Not available |                   |
| Calcium Salt                            | 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 |
|------|-------|-----------------|-------|---------|-------------|----------|
|------|-------|-----------------|-------|---------|-------------|----------|

|   |            |  |                |       |                     | <b>Duration</b>       |
|---|------------|--|----------------|-------|---------------------|-----------------------|
| 4,7,10-Trioxatridecane-1,13-Diamine     | Ingestion  | gastrointestinal tract   heart   endocrine system   bone, teeth, nails, and/or hair   hematopoietic system   liver   immune system   muscles   nervous system   eyes   kidney and/or bladder   respiratory system   vascular system                          | Not classified | Rat   | NOAEL 600 mg/kg/day | 59 days               |
| Amorphous Silica                        | Inhalation | respiratory system   silicosis   | Not classified | Human | NOAEL Not available | occupational exposure |
| 2,4,6-tris((Dimethylamino)Methyl)Phenol | Dermal     | skin   | Not classified | Rat   | NOAEL 25 mg/kg/day  | 4 weeks               |
| 2,4,6-tris((Dimethylamino)Methyl)Phenol | Dermal     | liver   nervous system   auditory system   hematopoietic system   eyes   | Not classified | Rat   | NOAEL 125 mg/kg/day | 4 weeks               |
| 2,4,6-tris((Dimethylamino)Methyl)Phenol | Ingestion  | heart   endocrine system   hematopoietic system   liver   muscles   nervous system   kidney and/or bladder   respiratory system   vascular system   auditory system   skin   gastrointestinal tract   bone, teeth, nails, and/or hair   immune system   eyes | Not classified | Rat   | NOAEL 150 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. Combustion products will include HF. 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. 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 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:** 3 **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.

|                        |            |                         |            |
|------------------------|------------|-------------------------|------------|
| <b>Document group:</b> | 22-0528-4  | <b>Version number:</b>  | 4.01       |
| <b>Issue Date:</b>     | 2024/07/23 | <b>Supersedes Date:</b> | 2022/07/21 |

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](http://www.3M.ca)**