



## Safety Data Sheet

© 2025, 3M 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> | 44-6234-7  | <b>Version number:</b>  | 1.00           |
| <b>Issue Date:</b>     | 15/07/2025 | <b>Supersedes date:</b> | Initial issue. |

This Safety Data Sheet has been prepared in accordance with the New Zealand, Hazardous Substances (Safety Data Sheets) Notice 2017.

### IDENTIFICATION:

#### 1.1. Product identifier

3M™ OEM Match Epoxy Seam Sealer, PN 08524, White

#### Product Identification Numbers

7100319307      60-4500-0809-3

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

##### Recommended use

Automotive., Sealant.

#### 1.3. Supplier's details

|                   |  |
|-------------------|--|
| <b>Address:</b>   | 3M New Zealand Ltd, 94 Apollo Drive, Rosedale 0632, Auckland |
| <b>Telephone:</b> | (09) 477 4040  |
| <b>E Mail:</b>    | innovation@nz.mmm.com  |
| <b>Website:</b>   | 3m.co.nz   |

#### 1.4. Emergency telephone number

24 hr Medical Emergency, National Poisons Centre, 0800 764 766 (0800 POISON)

**This product is a kit or a multipart product which consists of multiple, independently packaged components. A Safety Data Sheet for each of these components is included. Please do not separate the component Safety Data Sheets from this cover page. The document numbers of the SDSs for components of this product are:**

44-4836-1, 44-4903-9

One or more components of this KIT is classified as a hazardous substance in accordance with the relevant criteria of the HSNO Act 1996 and the Hazardous Substances (Hazard Classification) Notice 2020.

### TRANSPORT INFORMATION

The Components of this KIT have various Dangerous Goods Transportation Classifications. Please refer to the attached component Safety Data Sheets for individual Transportation Classifications.

#### Revision information:

Initial issue.

The information in this Safety Data Sheet (SDS) is believed to be correct as of the date of issue. TO THE EXTENT PERMITTED BY LAW, 3M MAKES NO WARRANTY, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY, OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR COURSE OF PERFORMANCE OR USAGE OF TRADE. User is responsible for determining whether the 3M 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 3M product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluates the 3M product to determine whether it is fit for a particular purpose and suitable for user's method of use or application. 3M provides information in electronic form as a service to customers. Due to the remote possibility of electronic transfer may have resulted in errors, omissions or alterations in this information; 3M makes no representations as to its completeness or accuracy. In addition, information obtained from a database may not be as current as the information in the SDS available directly from 3M.

**3M New Zealand SDS are available at 3M New Zealand Website: <http://solutions.3mnz.co.nz>**



## Safety Data Sheet

© 2025, 3M 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> | 44-4836-1  | <b>Version number:</b>  | 1.01       |
| <b>Issue Date:</b>     | 30/07/2025 | <b>Supersedes date:</b> | 13/07/2025 |

This Safety Data Sheet has been prepared in accordance with the New Zealand, Hazardous Substances (Safety Data Sheets) Notice 2017.

### SECTION 1: Identification

#### 1.1. Product identifier

3M™ OEM Match Epoxy Seam Sealer, PNs 08528, 08526, 08524, 08522 (Part A)

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

##### Recommended use

Automotive., Sealant.

For Industrial or Professional use only

#### 1.3. Supplier's details

|                   |  |
|-------------------|--|
| <b>Address:</b>   | 3M New Zealand Ltd, 94 Apollo Drive, Rosedale 0632, Auckland |
| <b>Telephone:</b> | (09) 477 4040  |
| <b>E Mail:</b>    | innovation@nz.mmm.com  |
| <b>Website:</b>   | 3m.co.nz   |

#### 1.4. Emergency telephone number

24 hr Medical Emergency, National Poisons Centre, 0800 764 766 (0800 POISON)

### SECTION 2: Hazard identification

Classified as hazardous in accordance with the relevant criteria of the HSNO Act 1996 and the Hazardous Substances (Hazard Classification) Notice 2020.

Refer to Section 14 of this Safety Data Sheet for product Dangerous Goods Classification.

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

Skin sensitisation: Category 1

Carcinogenicity: Category 2

Hazardous to the aquatic environment chronic: Category 2

#### 2.2. Label elements

##### SIGNAL WORD

Warning

##### Symbols:

Exclamation mark |Health Hazard |Environment |

## Pictograms



## HAZARD STATEMENTS:

|      |  |
|------|--|
| H317 | May cause an allergic skin reaction.             |
| H351 | Suspected of causing cancer.                     |
| H411 | Toxic to aquatic life with long lasting effects. |

## PRECAUTIONARY STATEMENTS

### General

|      |   |
|------|---|
| P101 | If medical advice is needed, have product container or label at hand. |
| P102 | Keep out of reach of children.  |

### Prevention

|       |   |
|-------|---|
| P201  | Obtain special instructions before use.                                   |
| P202  | Do not handle until all safety precautions have been read and understood. |
| P261  | Avoid breathing dust/fume/gas/mist/vapours/spray.                         |
| P272  | Contaminated work clothing should not be allowed out of the workplace.    |
| P273  | Avoid release to the environment.   |
| P280K | Wear protective gloves and respiratory protection.                        |

### Response

|             |  |
|-------------|--|
| P302 + P352 | IF ON SKIN: Wash with plenty of soap and water.                  |
| P308 + P313 | IF exposed or concerned: Get medical advice/attention.           |
| P333 + P313 | If skin irritation or rash occurs: Get medical advice/attention. |
| P362 + P364 | Take off contaminated clothing and wash it before reuse.         |
| P391        | Collect spillage.  |

### Storage

|      |                  |
|------|------------------|
| P405 | Store locked up. |
|------|------------------|

### Disposal

|      |  |
|------|--|
| P501 | Dispose of contents/container via an approved hazardous waste disposal contractor. |
|------|--|

## 2.3. Other hazards

Persons previously sensitised to amines may develop a cross-sensitisation reaction to certain other amines.

## SECTION 3: Composition/information on ingredients

| Ingredient  | CAS Nbr    | % by Weight |
|---|------------|-------------|
| Mercaptan-Terminated Epoxy Curing Agent                       | 72244-98-5 | 60 - 100    |
| Siloxanes and Silicones, di-Me, reaction products with silica | 67762-90-7 | 3 - 7       |
| Propylene Oxide, Polymer with Triethylenetetramine            | 26950-63-0 | < 2         |
| Titanium dioxide  | 13463-67-7 | < 1         |
| Trizinc bis(orthophosphate)                                   | 7779-90-0  | < 1         |
| Triethylenetetramine  | 112-24-3   | < 0.5       |

## 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

Carbon monoxide.

Carbon dioxide.

##### Condition

During combustion.

During combustion.

#### 5.3. Special protective 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.

#### 5.4. Hazchem code: 2Z

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

Evacuate area. Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapors, in accordance with good industrial hygiene practice. 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.

**6.3. Methods and material for containment and cleaning up**

Collect as much of the spilled material as possible. Place in a closed container approved for transportation by appropriate authorities. Clean up residue. 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**

Refer to Section 15 - Controls for more information

**7.1. Precautions for safe handling**

Keep out of reach of children. Do not handle until all safety precautions have been read and understood. 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. Use personal protective equipment (eg. gloves, respirators...) as required.

**7.2. Conditions for safe storage including any incompatibilities**

Store away from heat.

**7.3. Certified handler**

Not required

**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.

| <b>Ingredient</b>    | <b>CAS Nbr</b> | <b>Agency</b>   | <b>Limit type</b>  | <b>Additional comments</b>       |
|----------------------|----------------|-----------------|--|----------------------------------|
| Triethylenetetramine | 112-24-3       | AIHA            | TWA:6 mg/m <sup>3</sup> (1 ppm)  | Skin                             |
| Titanium dioxide     | 13463-67-7     | ACGIH           | TWA(Respirable nanoscale particles):0.2 mg/m <sup>3</sup> ;TWA(Respirable finescale particles):2.5 mg/m <sup>3</sup> | A3: Confirmed animal carcinogen. |
| Titanium dioxide     | 13463-67-7     | New Zealand WES | TWA(8 hours):10 mg/m <sup>3</sup>  |                                  |

ACGIH : American Conference of Governmental Industrial Hygienists

AIHA : American Industrial Hygiene Association

CMRG : Chemical Manufacturer's Recommended Guidelines

New Zealand WES : New Zealand Workplace Exposure Standards.

TWA: Time-Weighted-Average

STEL: Short Term Exposure Limit

ppm: parts per million

mg/m<sup>3</sup>: milligrams per cubic metre

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

Eye protection not required.

### 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.

The following protective clothing material(s) are also recommended:

### Respiratory protection

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

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

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

Refer AS/NZS 1715 - Selection, use and maintenance of respiratory protective equipment and AS/NZS 1716 - Respiratory protective devices.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

|  |                                     |
|--|-------------------------------------|
| <b>Physical state</b>                                    | Solid.                              |
| <b>Specific Physical Form:</b>                           | Paste                               |
| <b>Colour</b>  | Off-White                           |
| <b>Odour</b>   | Mild Mercaptan                      |
| <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/Initial boiling point/Boiling range</b> | <i>Not applicable.</i>              |
| <b>Flash point</b>                                       | > 93.3 °C [Test Method: 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>Relative Vapour Density</b>                           | <i>Not applicable.</i>              |
| <b>Density</b>   | 1.2 kg/l                            |

|  |                         |
|--|-------------------------|
| Relative density                       | 1.18 [Ref Std: WATER=1] |
| Water solubility                       | Slight (less than 10%)  |
| Solubility- non-water                  | No data available.      |
| Partition coefficient: n-octanol/water | No data available.      |
| Autoignition temperature               | No data available.      |
| Decomposition temperature              | No data available.      |
| Kinematic Viscosity                    | No data available.      |
| Volatile organic compounds (VOC)       | No data available.      |
| Percent volatile                       | No data available.      |
| VOC less H2O & exempt solvents         | No data available.      |
| Molecular weight                       | No data available.      |

|                          |                 |
|--------------------------|-----------------|
| Particle Characteristics | Not applicable. |
|--------------------------|-----------------|

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

This material is considered to be non reactive under normal use conditions

### 10.2 Chemical stability

Stable.

### 10.3 Possibility of hazardous reactions

Hazardous polymerisation will not occur.

### 10.4 Conditions to avoid

None known.

### 10.5 Incompatible materials

None known.

### 10.6 Hazardous decomposition products

#### Substance

None known.

#### Condition

Refer to Section 5.2 for hazardous decomposition products during combustion.

## SECTION 11: Toxicological information

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

### 11.1 Information on Toxicological effects

#### Signs and Symptoms of Exposure

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

#### Inhalation

Respiratory tract irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose



and throat pain. May cause additional health effects (see below).

#### Skin contact

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

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

#### Ingestion

May be harmful if swallowed.

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

#### Additional Health Effects:

#### Carcinogenicity:

Contains a chemical or chemicals which can cause cancer.

#### Additional information:

Persons previously sensitised to amines may develop a cross-sensitisation reaction to certain other amines.

#### 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 >2,000 - =5,000 mg/kg |
| Mercaptan-Terminated Epoxy Curing Agent                       | Dermal                         | Rabbit  | LD50 > 10,200 mg/kg                                     |
| Mercaptan-Terminated Epoxy Curing Agent                       | Ingestion                      | Rat     | LD50 2,600 mg/kg  |
| Siloxanes and Silicones, di-Me, reaction products with silica | Dermal                         | Rabbit  | LD50 > 5,000 mg/kg                                      |
| Siloxanes and Silicones, di-Me, reaction products with silica | Inhalation-Dust/Mist (4 hours) | Rat     | LC50 > 0.691 mg/l                                       |
| Siloxanes and Silicones, di-Me, reaction products with silica | Ingestion                      | Rat     | LD50 > 5,110 mg/kg                                      |
| Propylene Oxide, Polymer with Triethylenetetramine            | Dermal                         | Rat     | LD50 2,150 mg/kg  |
| Propylene Oxide, Polymer with Triethylenetetramine            | Ingestion                      | Rat     | LD50 4,500 mg/kg  |
| Trizinc bis(orthophosphate)                                   | Dermal                         |         | LD50 estimated to be > 5,000 mg/kg                      |
| Trizinc bis(orthophosphate)                                   | Ingestion                      | Rat     | LD50 > 5,000 mg/kg                                      |
| Titanium dioxide  | Dermal                         | Rabbit  | LD50 > 10,000 mg/kg                                     |
| Titanium dioxide  | Inhalation-Dust/Mist (4 hours) | Rat     | LC50 > 6.82 mg/l  |
| Titanium dioxide  | Ingestion                      | Rat     | LD50 > 10,000 mg/kg                                     |
| Triethylenetetramine  | Dermal                         | Rat     | LD50 1,465 mg/kg  |
| Triethylenetetramine  | Ingestion                      | Rat     | LD50 1,591 mg/kg  |

ATE = acute toxicity estimate

#### Skin Corrosion/Irritation

| Name  | Species | Value                     |
|---|---------|---------------------------|
| Mercaptan-Terminated Epoxy Curing Agent                       | Rabbit  | No significant irritation |
| Siloxanes and Silicones, di-Me, reaction products with silica | Rabbit  | No significant irritation |
| Propylene Oxide, Polymer with Triethylenetetramine            | Rabbit  | Irritant                  |
| Titanium dioxide  | Rabbit  | No significant irritation |
| Triethylenetetramine  | Rabbit  | Corrosive                 |

**Serious Eye Damage/Irritation**

| Name  | Species | Value                     |
|---|---------|---------------------------|
| Mercaptan-Terminated Epoxy Curing Agent                       | Rabbit  | Mild irritant             |
| Siloxanes and Silicones, di-Me, reaction products with silica | Rabbit  | No significant irritation |
| Propylene Oxide, Polymer with Triethylenetetramine            | Rabbit  | Severe irritant           |
| Titanium dioxide  | Rabbit  | No significant irritation |
| Triethylenetetramine  | Rabbit  | Corrosive                 |

**Sensitisation:****Skin Sensitisation**

| Name  | Species          | Value          |
|---|------------------|----------------|
| Mercaptan-Terminated Epoxy Curing Agent                       | Mouse            | Sensitising    |
| Siloxanes and Silicones, di-Me, reaction products with silica | Human and animal | Not classified |
| Propylene Oxide, Polymer with Triethylenetetramine            | Mouse            | Sensitising    |
| Titanium dioxide  | Human and animal | Not classified |
| Triethylenetetramine  | Guinea pig       | Sensitising    |

**Respiratory Sensitisation**

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

**Germ Cell Mutagenicity**

| Name  | Route    | Value  |
|---|----------|--|
| Mercaptan-Terminated Epoxy Curing Agent                       | In Vitro | Not mutagenic  |
| Siloxanes and Silicones, di-Me, reaction products with silica | In Vitro | Not mutagenic  |
| Propylene Oxide, Polymer with Triethylenetetramine            | In Vitro | Some positive data exist, but the data are not sufficient for classification |
| Titanium dioxide  | In Vitro | Not mutagenic  |
| Titanium dioxide  | In vivo  | Not mutagenic  |
| Triethylenetetramine  | In vivo  | Not mutagenic  |
| Triethylenetetramine  | In Vitro | Some positive data exist, but the data are not sufficient for classification |

**Carcinogenicity**

| Name  | Route          | Species                 | Value  |
|---|----------------|-------------------------|--|
| Siloxanes and Silicones, di-Me, reaction products with silica | Not specified. | Mouse                   | Some positive data exist, but the data are not sufficient for classification |
| Titanium dioxide  | Ingestion      | Multiple animal species | Not carcinogenic   |
| Titanium dioxide  | Inhalation     | Rat                     | Carcinogenic.  |
| Triethylenetetramine  | Dermal         | Mouse                   | Not carcinogenic   |

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

| Name  | Route     | Value                                  | Species | Test result         | Exposure Duration |
|---|-----------|--|---------|---------------------|-------------------|
| Siloxanes and Silicones, di-Me, reaction products with silica | Ingestion | Not classified for female reproduction | Rat     | NOAEL 509 mg/kg/day | 1 generation      |
| Siloxanes and Silicones, di-Me, reaction products with silica | Ingestion | Not classified for male reproduction   | Rat     | NOAEL 497 mg/kg/day | 1 generation      |
| Siloxanes and Silicones, di-Me, reaction                      | Ingestion | Not classified for development         | Rat     | NOAEL               | during            |

|  |           |  |        |                     |                          |
|--|-----------|--|--------|---------------------|--------------------------|
| products with silica                               |           |  |        | 1,350 mg/kg/day     | organogenesis            |
| Propylene Oxide, Polymer with Triethylenetetramine | Ingestion | Not classified for female reproduction | Rat    | NOAEL 750 mg/kg/day | premating into lactation |
| Propylene Oxide, Polymer with Triethylenetetramine | Ingestion | Not classified for male reproduction   | Rat    | NOAEL 750 mg/kg/day | 43 days                  |
| Propylene Oxide, Polymer with Triethylenetetramine | Ingestion | Not classified for development         | Rat    | NOAEL 750 mg/kg/day | premating into lactation |
| Triethylenetetramine                               | Dermal    | Not classified for development         | Rabbit | NOAEL 125 mg/kg/day | during organogenesis     |
| Triethylenetetramine                               | Ingestion | Not classified for development         | Rat    | NOAEL 750 mg/kg/day | during organogenesis     |

## Target Organ(s)

### Specific Target Organ Toxicity - single exposure

| Name   | Route      | Target Organ(s)        | Value  | Species                | Test result         | Exposure Duration |
|--|------------|------------------------|--|------------------------|---------------------|-------------------|
| Propylene Oxide, Polymer with Triethylenetetramine | Inhalation | respiratory irritation | Some positive data exist, but the data are not sufficient for classification | similar health hazards | NOAEL not available |                   |
| Triethylenetetramine                               | 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     |
|---|------------|--|--|---------|-----------------------|-----------------------|
| Mercaptan-Terminated Epoxy Curing Agent                       | Ingestion  | hematopoietic system   | Some positive data exist, but the data are not sufficient for classification | Rat     | NOAEL 75 mg/kg/day    | 90 days               |
| Mercaptan-Terminated Epoxy Curing Agent                       | Ingestion  | liver  | Some positive data exist, but the data are not sufficient for classification | Rat     | NOAEL 250 mg/kg/day   | 90 days               |
| Mercaptan-Terminated Epoxy Curing Agent                       | Ingestion  | endocrine system   heart   skin   immune system   nervous system   eyes   kidney and/or bladder   respiratory system   vascular system | Not classified   | Rat     | NOAEL 1,000 mg/kg/day | 90 days               |
| Siloxanes and Silicones, di-Me, reaction products with silica | Inhalation | respiratory system   silicosis   | Not classified   | Human   | NOAEL Not available   | occupational exposure |
| Propylene Oxide, Polymer with Triethylenetetramine            | Ingestion  | kidney and/or bladder  | Some positive data exist, but the data are not sufficient for classification | Rat     | NOAEL 300 mg/kg/day   | 43 days               |
| Titanium dioxide  | Inhalation | respiratory system   | Some positive data exist, but the data are not sufficient for classification | Rat     | LOAEL 0.01 mg/l       | 2 years               |
| Titanium dioxide  | Inhalation | pulmonary fibrosis   | Not classified   | Human   | NOAEL Not available   | occupational exposure |

## Aspiration Hazard

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

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

## SECTION 12: Ecological information

The information below may not be consistent with the material classification in Section 2 if specific ingredient

classifications are mandated by a competent authority. Additional information leading to material classification in Section 2 is available upon request. In addition, environmental fate and effects data on ingredients may not be reflected in this section because an ingredient is present below the threshold for labelling, an ingredient is not expected to be available for exposure, or the data is considered not relevant to the material as a whole.

### 12.1. Toxicity

#### Ecotoxic to the aquatic environment.

Acute Aquatic Toxicity: Category 2

Chronic Aquatic Toxicity: Category 2

No product test data available.

| Material  | CAS Number | Organism         | Type  | Exposure | Test endpoint | Test result |
|---|------------|------------------|---|----------|---------------|-------------|
| Mercaptan-Terminated Epoxy Curing Agent                       | 72244-98-5 | Activated sludge | Experimental  | 3 hours  | EC50          | >1,000 mg/l |
| Mercaptan-Terminated Epoxy Curing Agent                       | 72244-98-5 | Green algae      | Experimental  | 72 hours | EC50          | >733 mg/l   |
| Mercaptan-Terminated Epoxy Curing Agent                       | 72244-98-5 | Water flea       | Experimental  | 48 hours | EC50          | 12 mg/l     |
| Mercaptan-Terminated Epoxy Curing Agent                       | 72244-98-5 | Zebra Fish       | Experimental  | 96 hours | LC50          | 87 mg/l     |
| Mercaptan-Terminated Epoxy Curing Agent                       | 72244-98-5 | Green algae      | Experimental  | 72 hours | NOEC          | 338 mg/l    |
| Mercaptan-Terminated Epoxy Curing Agent                       | 72244-98-5 | Water flea       | Experimental  | 21 days  | NOEC          | 3.5 mg/l    |
| Siloxanes and Silicones, di-Me, reaction products with silica | 67762-90-7 | N/A              | Data not available or insufficient for classification | N/A      | N/A           | N/A         |
| Propylene Oxide, Polymer with Triethylenetetra mine           | 26950-63-0 | Green algae      | Experimental  | 72 hours | EC50          | 4.1 mg/l    |
| Propylene Oxide, Polymer with Triethylenetetra mine           | 26950-63-0 | Rainbow trout    | Experimental  | 96 hours | LC50          | >4.1 mg/l   |
| Propylene Oxide, Polymer with                                 | 26950-63-0 | Water flea       | Experimental  | 48 hours | EC50          | 48 mg/l     |

|   |            |                     |              |          |       |              |
|---|------------|---------------------|--------------|----------|-------|--------------|
| Triethylenetetra<br>mine  |            |                     |              |          |       |              |
| Propylene<br>Oxide, Polymer<br>with<br>Triethylenetetra<br>mine | 26950-63-0 | Green algae         | Experimental | 72 hours | ErC10 | 0.11 mg/l    |
| Propylene<br>Oxide, Polymer<br>with<br>Triethylenetetra<br>mine | 26950-63-0 | Activated<br>sludge | Experimental | 3 hours  | EC10  | 38 mg/l      |
| Titanium<br>dioxide   | 13463-67-7 | Activated<br>sludge | Experimental | 3 hours  | NOEC  | >=1,000 mg/l |
| Titanium<br>dioxide   | 13463-67-7 | Diatom              | Experimental | 72 hours | EC50  | >10,000 mg/l |
| Titanium<br>dioxide   | 13463-67-7 | Fathead<br>minnow   | Experimental | 96 hours | LC50  | >100 mg/l    |
| Titanium<br>dioxide   | 13463-67-7 | Water flea          | Experimental | 48 hours | EC50  | >100 mg/l    |
| Titanium<br>dioxide   | 13463-67-7 | Diatom              | Experimental | 72 hours | NOEC  | 5,600 mg/l   |
| Trizinc<br>bis(orthophosp<br>hate)                              | 7779-90-0  | Activated<br>sludge | Estimated    | 3 hours  | EC50  | 10 mg/l      |
| Trizinc<br>bis(orthophosp<br>hate)                              | 7779-90-0  | Green algae         | Estimated    | 72 hours | EC50  | 0.083 mg/l   |
| Trizinc<br>bis(orthophosp<br>hate)                              | 7779-90-0  | Invertebrate        | Estimated    | 48 hours | EC50  | 0.08 mg/l    |
| Trizinc<br>bis(orthophosp<br>hate)                              | 7779-90-0  | Rainbow trout       | Estimated    | 96 hours | LC50  | 0.33 mg/l    |
| Trizinc<br>bis(orthophosp<br>hate)                              | 7779-90-0  | Water flea          | Estimated    | 48 hours | EC50  | 0.12 mg/l    |
| Trizinc<br>bis(orthophosp<br>hate)                              | 7779-90-0  | Diatom              | Estimated    | 72 hours | EC50  | 0.04 mg/l    |
| Trizinc<br>bis(orthophosp<br>hate)                              | 7779-90-0  | Green algae         | Estimated    | 72 hours | NOEC  | 0.01 mg/l    |
| Trizinc<br>bis(orthophosp<br>hate)                              | 7779-90-0  | Water flea          | Estimated    | 7 days   | NOEC  | 0.026 mg/l   |
| Triethylenetetra<br>mine  | 112-24-3   | Green algae         | Experimental | 72 hours | EC50  | 27.4 mg/l    |
| Triethylenetetra<br>mine  | 112-24-3   | Guppy               | Experimental | 96 hours | LC50  | 570 mg/l     |
| Triethylenetetra<br>mine  | 112-24-3   | Water flea          | Experimental | 48 hours | EC50  | 37.4 mg/l    |
| Triethylenetetra<br>mine  | 112-24-3   | Green algae         | Experimental | 72 hours | NOEC  | 0.468 mg/l   |

|                          |          |            |              |         |      |           |
|--------------------------|----------|------------|--------------|---------|------|-----------|
| Triethylenetetra<br>mine | 112-24-3 | Water flea | Experimental | 21 days | NOEC | 2.86 mg/l |
|--------------------------|----------|------------|--------------|---------|------|-----------|

## 12.2. Persistence and degradability

| Material  | CAS Number | Test type                     | Duration | Study Type                  | Test result                       | Protocol                            |
|---|------------|-------------------------------|----------|-----------------------------|-----------------------------------|-------------------------------------|
| Mercaptan-Terminated Epoxy Curing Agent                       | 72244-98-5 | Experimental Biodegradation   | 28 days  | CO2 evolution               | 5 %CO2 evolution/THC O2 evolution | OECD 301B - Modified sturm or CO2   |
| Siloxanes and Silicones, di-Me, reaction products with silica | 67762-90-7 | Data not availbl-insufficient | N/A      | N/A                         | N/A                               | N/A                                 |
| Propylene Oxide, Polymer with Triethylenetetra mine           | 26950-63-0 | Experimental Biodegradation   | 28 days  | BOD                         | 4 %BOD/ThO D                      | OECD 301F - Manometric respirometry |
| Propylene Oxide, Polymer with Triethylenetetra mine           | 26950-63-0 | Experimental Hydrolysis       |          | Hydrolytic half-life (pH 7) | >1 years (t 1/2)                  | OECD 111 Hydrolysis func of pH      |
| Titanium dioxide  | 13463-67-7 | Data not availbl-insufficient | N/A      | N/A                         | N/A                               | N/A                                 |
| Trizinc bis(orthophosphate)                                   | 7779-90-0  | Data not availbl-insufficient | N/A      | N/A                         | N/A                               | N/A                                 |
| Triethylenetetra mine   | 112-24-3   | Experimental Biodegradation   | 20 days  | BOD                         | 0 %BOD/ThO D                      | OECD 301D - Closed bottle test      |

## 12.3 : Bioaccumulative potential

| Material  | CAS Number | Test type   | Duration | Study Type             | Test result | Protocol                 |
|---|------------|---|----------|------------------------|-------------|--------------------------|
| Mercaptan-Terminated Epoxy Curing Agent                       | 72244-98-5 | Estimated Bioconcentration                            |          | Log Kow                | >1.2        |                          |
| Siloxanes and Silicones, di-Me, reaction products with silica | 67762-90-7 | Data not available or insufficient for classification | N/A      | N/A                    | N/A         | N/A                      |
| Propylene Oxide, Polymer with Triethylenetetra mine           | 26950-63-0 | Unknown Bioconcentration                              |          | Log Kow                | -2.42       |                          |
| Titanium dioxide  | 13463-67-7 | Experimental BCF - Fish                               | 42 days  | Bioaccumulation factor | 9.6         |                          |
| Triethylenetetra mine   | 112-24-3   | Experimental BCF - Fish                               | 42 days  | Bioaccumulation factor | <5.0        | OECD305-Bioconcentration |

#### 12.4. Mobility in soil

Please contact manufacturer for more details

#### 12.5 Other adverse effects

No information available.

### SECTION 13: Disposal considerations

#### 13.1. Disposal methods

In accordance with the Hazardous Substances (Disposal) Notice 2017 and the relevant criteria of the HSNO Act 1996.

Dispose of waste product in a permitted industrial waste facility. As a disposal alternative, incinerate 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.

Packaging (that may or may not contain any residual substance) may be lawfully disposed of by householders or other consumers through public or commercial waste collection services.

### SECTION 14: Transport Information

#### New Zealand Land Transport Rule: Dangerous Goods - Road/Rail Transport

**UN No.:** UN3077

**Proper Shipping Name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. , ( Trizinc bis(orthophosphate) )

**Class/Division:** 9

**Sub Risk:** Not applicable.

**Packing Group:** III

**Hazchem Code:** ZZ

**IERG:** 47

#### International Air Transport Association (IATA) - Air Transport

**UN No.:** UN3077

**Proper Shipping Name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. , ( Trizinc bis(orthophosphate) )

**Class/Division:** 9

**Sub Risk:** Not applicable.

**Packing Group:** III

**Special Instructions:**Not restricted, as per Special Provision A197, environmentally hazardous substance exception.

#### International Maritime Dangerous Goods Code (IMDG) - Marine Transport

**UN No.:** UN3077

**Proper Shipping Name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. , ( Trizinc bis(orthophosphate) )

**Class/Division:** 9

**Sub Risk:** Not applicable.

**Packing Group:** III

**Marine Pollutant:** Not applicable.

**Special Instructions:**Not restricted, as per IMDG code 2.10.2.7, marine pollutant exception.

**SECTION 15: Regulatory information**

HSNO Approval number      HSR002679  
 Group standard name      Surface Coatings and Colourants (Carcinogenic) Group Standard 2020  
 HSNO Hazard classification    Refer to Section 2: Hazard identification

**NZ Inventory of Chemicals (NZIoC) Status**

All ingredients are listed on the New Zealand Inventory of Chemicals.

**Controls in accordance with The Health and Safety at Work Act 2015, Health and Safety at Work (Hazardous Substances) Regulations 2017 and the HSNO Act 1996, Hazardous Substances (Hazardous Property Controls) Notice 2017**

|                                 |   |
|---------------------------------|---|
| Certified handler               | Not required  |
| Location Compliance Certificate | Not required  |
| Hazardous atmosphere zone       | Not required  |
| Fire extinguishers              | Not required  |
| Emergency response plan         | 100 L or 100 kg (for Hazardous to the aquatic environment Category 1 substances); or 1 000 L or 1 000 kg (for Acute toxicity Category 4, Skin sensitisation Category 1, Respiratory sensitisation Category 1, Hazardous to the aquatic environment Category 2 or Hazardous to the aquatic environment Category 3 substances); or 10 000 L or 10 000 kg (for all other substances)   |
| Secondary containment           | 100 L or 100 kg (for Hazardous to the aquatic environment Category 1 substances); or 1 000 L or 1 000 kg (for Acute toxicity Category 4, Skin sensitisation Category 1, Respiratory sensitisation Category 1, Hazardous to the aquatic environment Category 2 or Hazardous to the aquatic environment Category 3 substances); or 10 000 L or 10 000 kg (for all other substances)   |
| Tracking                        | Not required  |
| Warning signage                 | 100 L or 100 kg (for Hazardous to the aquatic environment Category 1 substances); or 1 000 L or 1 000 kg (for Serious eye damage Category 1, Hazardous to the aquatic environment Category 2 or Hazardous to the aquatic environment Category 3 substances); or 10 000 L or 10 000 kg (for Acute toxicity Category 4 or Hazardous to the aquatic environment Category 4 substances) |

**SECTION 16: Other information****Revision information:**

Initial issue.

|                        |            |                         |            |
|------------------------|------------|-------------------------|------------|
| <b>Document group:</b> | 44-4836-1  | <b>Version number:</b>  | 1.01       |
| <b>Issue Date:</b>     | 30/07/2025 | <b>Supersedes date:</b> | 13/07/2025 |

**Key to abbreviations and acronyms**

**GHS** refers to the Globally Harmonised System of Classification and Labelling of Chemicals, 7th revised edition of 2017

**HSNO** means Hazardous Substances and New Organisms Act 1996

The information in this Safety Data Sheet (SDS) is believed to be correct as of the date of issue. TO THE EXTENT PERMITTED BY LAW, 3M MAKES NO WARRANTY, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY, OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR COURSE OF PERFORMANCE OR USAGE OF TRADE. User is responsible for determining whether the 3M 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 3M product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluates the 3M product to determine whether it is fit for a particular purpose and suitable for user's method of use or application. 3M provides information in electronic form as a service to customers. Due to the remote possibility of electronic



transfer may have resulted in errors, omissions or alterations in this information; 3M makes no representations as to its completeness or accuracy. In addition, information obtained from a database may not be as current as the information in the SDS available directly from 3M.

**3M New Zealand SDS are available at 3M New Zealand Website: <http://solutions.3mnz.co.nz>**



## Safety Data Sheet

© 2025, 3M 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> | 44-4903-9  | <b>Version number:</b>  | 1.01       |
| <b>Issue Date:</b>     | 31/07/2025 | <b>Supersedes date:</b> | 14/07/2025 |

This Safety Data Sheet has been prepared in accordance with the New Zealand, Hazardous Substances (Safety Data Sheets) Notice 2017.

### SECTION 1: Identification

#### 1.1. Product identifier

3M™ OEM Match Epoxy Seam Sealer, PN 08524, White (Part B)

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

##### Recommended use

Automotive., Sealant.

For Industrial or Professional use only

#### 1.3. Supplier's details

**Address:** 3M New Zealand Ltd, 94 Apollo Drive, Rosedale 0632, Auckland  
**Telephone:** (09) 477 4040  
**E Mail:** innovation@nz.mmm.com  
**Website:** 3m.co.nz

#### 1.4. Emergency telephone number

24 hr Medical Emergency, National Poisons Centre, 0800 764 766 (0800 POISON)

### SECTION 2: Hazard identification

Classified as hazardous in accordance with the relevant criteria of the HSNO Act 1996 and the Hazardous Substances (Hazard Classification) Notice 2020.

Refer to Section 14 of this Safety Data Sheet for product Dangerous Goods Classification.

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

Eye irritation: Category 2

Skin sensitisation: Category 1

Carcinogenicity: Category 2

Hazardous to the aquatic environment chronic: Category 2

#### 2.2. Label elements

##### SIGNAL WORD

Warning

##### Symbols:

Exclamation mark |Health Hazard |

#### Pictograms



#### HAZARD STATEMENTS:

|      |  |
|------|--|
| H319 | Causes serious eye irritation.                   |
| H317 | May cause an allergic skin reaction.             |
| H351 | Suspected of causing cancer.                     |
| H411 | Toxic to aquatic life with long lasting effects. |

#### PRECAUTIONARY STATEMENTS

##### General

|      |   |
|------|---|
| P101 | If medical advice is needed, have product container or label at hand. |
| P102 | Keep out of reach of children.  |

##### Prevention

|       |   |
|-------|---|
| P201  | Obtain special instructions before use.                                   |
| P202  | Do not handle until all safety precautions have been read and understood. |
| P261  | Avoid breathing dust/fume/gas/mist/vapours/spray.                         |
| P264  | Wash exposed skin thoroughly after handling.                              |
| P272  | Contaminated work clothing should not be allowed out of the workplace.    |
| P273  | Avoid release to the environment.   |
| P280E | Wear protective gloves.   |

##### Response

|                    |  |
|--------------------|--|
| P302 + P352        | IF ON SKIN: Wash with plenty of soap and water.  |
| P305 + P351 + P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P308 + P313        | IF exposed or concerned: Get medical advice/attention.   |
| P333 + P313        | If skin irritation or rash occurs: Get medical advice/attention.   |
| P337 + P313        | If eye irritation persists: Get medical advice.  |
| P362 + P364        | Take off contaminated clothing and wash it before reuse.   |
| P391               | Collect spillage.  |

##### Storage

|      |                  |
|------|------------------|
| P405 | Store locked up. |
|------|------------------|

##### Disposal

|      |  |
|------|--|
| P501 | Dispose of contents/container via an approved hazardous waste disposal contractor. |
|------|--|

### SECTION 3: Composition/information on ingredients

| Ingredient   | CAS Nbr    | % by Weight |
|--|------------|-------------|
| 4,4'-Isopropylidenediphenol-Epichlorohydrin Polymer              | 25068-38-6 | 60 - 100    |
| Epichlorohydrin-4,4'-(1-Methylethylidene)Biscyclohexanol Polymer | 30583-72-3 | 10 - 30     |
| Siloxanes and Silicones, di-Me, reaction products with silica    | 67762-90-7 | 3 - 7       |
| Silicon dioxide  | 7631-86-9  | 1 - 5       |
| Calcium Phosphate  | 7758-87-4  | 1 - 5       |

## 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.

A product risk assessment is recommended to determine if eye wash facilities may be required when using this product in the workplace.

#### 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

#### Condition

During combustion.

During combustion.

During combustion.

During combustion.

### 5.3. Special protective 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.

### 5.4. Hazchem code: 2Z

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

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. Evacuate area. Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapors, in accordance with good industrial hygiene practice.

## **6.2. Environmental precautions**

Avoid release to the environment.

## **6.3. Methods and material for containment and cleaning up**

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. 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**

Refer to Section 15 - Controls for more information

## **7.1. Precautions for safe handling**

Keep out of reach of children. 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 oxidising 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 oxidising agents. Store away from amines.

## **7.3. Certified handler**

Not required

# **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 Safety Data Sheet.

## **8.2. Exposure controls**

### **8.2.1. Engineering controls**

No engineering controls required.

### **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.

Refer AS/NZS 1336 - Recommended practices for occupational eye protection and for performance specifications AS/NZS 1337, Parts 1 - 6 - Personal eye-protection.

**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.

The following protective clothing material(s) are also recommended:

**Respiratory protection**

None required.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

|  |                                    |
|--|------------------------------------|
| <b>Physical state</b>                                    | Solid.                             |
| <b>Specific Physical Form:</b>                           | Paste                              |
| <b>Colour</b>  | White                              |
| <b>Odour</b>   | Mild Epoxy                         |
| <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/Initial boiling point/Boiling range</b> | <i>Not applicable.</i>             |
| <b>Flash point</b>                                       | > 115 °C [Test Method: 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>Relative Vapour Density</b>                           | <i>Not applicable.</i>             |
| <b>Density</b>   | 1.2 kg/l                           |
| <b>Relative density</b>                                  | 1.21 [Ref Std: 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>                               | <i>No data available.</i>          |
| <b>Volatile organic compounds (VOC)</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>     | <i>No data available.</i>          |
| <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 polymerisation 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.

Sparks and/or flames.

### 10.5 Incompatible materials

Strong oxidising agents.

Amines.

Strong acids.

### 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 labelling, 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

No health effects are expected.

#### 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 diarrhoea.

**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 |
| 4,4'-Isopropylidenediphenol-Epichlorohydrin Polymer              | Dermal                         | Rat     | LD50 > 1,600 mg/kg                             |
| 4,4'-Isopropylidenediphenol-Epichlorohydrin Polymer              | Ingestion                      | Rat     | LD50 > 1,000 mg/kg                             |
| Epichlorohydrin-4,4'-(1-Methylethylidene)Biscyclohexanol Polymer | Dermal                         | Rat     | LD50 > 2,000 mg/kg                             |
| Epichlorohydrin-4,4'-(1-Methylethylidene)Biscyclohexanol Polymer | Ingestion                      | Rat     | LD50 > 2,000 mg/kg                             |
| Siloxanes and Silicones, di-Me, reaction products with silica    | Dermal                         | Rabbit  | LD50 > 5,000 mg/kg                             |
| Siloxanes and Silicones, di-Me, reaction products with silica    | Inhalation-Dust/Mist (4 hours) | Rat     | LC50 > 0.691 mg/l                              |
| Siloxanes and Silicones, di-Me, reaction products with silica    | Ingestion                      | Rat     | LD50 > 5,110 mg/kg                             |
| Silicon dioxide  | Dermal                         | Rabbit  | LD50 > 5,000 mg/kg                             |
| Silicon dioxide  | Inhalation-Dust/Mist (4 hours) | Rat     | LC50 > 0.691 mg/l                              |
| Silicon dioxide  | Ingestion                      | Rat     | LD50 > 5,110 mg/kg                             |

ATE = acute toxicity estimate

**Skin Corrosion/Irritation**

| Name   | Species | Value                     |
|--|---------|---------------------------|
| 4,4'-Isopropylidenediphenol-Epichlorohydrin Polymer              | Rabbit  | Mild irritant             |
| Epichlorohydrin-4,4'-(1-Methylethylidene)Biscyclohexanol Polymer | Rabbit  | Minimal irritation        |
| Siloxanes and Silicones, di-Me, reaction products with silica    | Rabbit  | No significant irritation |
| Silicon dioxide  | Rabbit  | No significant irritation |

**Serious Eye Damage/Irritation**

| Name   | Species | Value                     |
|--|---------|---------------------------|
| 4,4'-Isopropylidenediphenol-Epichlorohydrin Polymer              | Rabbit  | Moderate irritant         |
| Epichlorohydrin-4,4'-(1-Methylethylidene)Biscyclohexanol Polymer | Rabbit  | Mild irritant             |
| Siloxanes and Silicones, di-Me, reaction products with silica    | Rabbit  | No significant irritation |
| Silicon dioxide  | Rabbit  | No significant irritation |

**Sensitisation:****Skin Sensitisation**

| Name   | Species          | Value          |
|--|------------------|----------------|
| 4,4'-Isopropylidenediphenol-Epichlorohydrin Polymer              | Human and animal | Sensitising    |
| Epichlorohydrin-4,4'-(1-Methylethylidene)Biscyclohexanol Polymer | Mouse            | Sensitising    |
| Siloxanes and Silicones, di-Me, reaction products with silica    | Human and animal | Not classified |
| Silicon dioxide  | Human and animal | Not classified |

**Respiratory Sensitisation**

| Name | Species | Value |
|------|---------|-------|
|------|---------|-------|



|   |       |                |
|---|-------|----------------|
|   |       |                |
| 4,4'-Isopropylidenediphenol-Epichlorohydrin Polymer | Human | Not classified |

**Germ Cell Mutagenicity**

| Name   | Route    | Value  |
|--|----------|--|
| 4,4'-Isopropylidenediphenol-Epichlorohydrin Polymer              | In vivo  | Not mutagenic  |
| 4,4'-Isopropylidenediphenol-Epichlorohydrin Polymer              | In Vitro | Some positive data exist, but the data are not sufficient for classification |
| Epichlorohydrin-4,4'-(1-Methylethylidene)Biscyclohexanol Polymer | In vivo  | Not mutagenic  |
| Epichlorohydrin-4,4'-(1-Methylethylidene)Biscyclohexanol Polymer | In Vitro | Some positive data exist, but the data are not sufficient for classification |
| Siloxanes and Silicones, di-Me, reaction products with silica    | In Vitro | Not mutagenic  |
| Silicon dioxide  | In Vitro | Not mutagenic  |

**Carcinogenicity**

| Name  | Route          | Species | Value  |
|---|----------------|---------|--|
| 4,4'-Isopropylidenediphenol-Epichlorohydrin Polymer           | Dermal         | Mouse   | Some positive data exist, but the data are not sufficient for classification |
| Siloxanes and Silicones, di-Me, reaction products with silica | Not specified. | Mouse   | Some positive data exist, but the data are not sufficient for classification |
| Silicon dioxide   | 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    |
|--|-----------|--|---------|-----------------------|----------------------|
| 4,4'-Isopropylidenediphenol-Epichlorohydrin Polymer              | Ingestion | Not classified for female reproduction | Rat     | NOAEL 750 mg/kg/day   | 2 generation         |
| 4,4'-Isopropylidenediphenol-Epichlorohydrin Polymer              | Ingestion | Not classified for male reproduction   | Rat     | NOAEL 750 mg/kg/day   | 2 generation         |
| 4,4'-Isopropylidenediphenol-Epichlorohydrin Polymer              | Dermal    | Not classified for development         | Rabbit  | NOAEL 300 mg/kg/day   | during organogenesis |
| 4,4'-Isopropylidenediphenol-Epichlorohydrin Polymer              | Ingestion | Not classified for development         | Rat     | NOAEL 750 mg/kg/day   | 2 generation         |
| Epichlorohydrin-4,4'-(1-Methylethylidene)Biscyclohexanol Polymer | Ingestion | Not classified for development         | Rat     | NOAEL 300 mg/kg/day   | during gestation     |
| Siloxanes and Silicones, di-Me, reaction products with silica    | Ingestion | Not classified for female reproduction | Rat     | NOAEL 509 mg/kg/day   | 1 generation         |
| Siloxanes and Silicones, di-Me, reaction products with silica    | Ingestion | Not classified for male reproduction   | Rat     | NOAEL 497 mg/kg/day   | 1 generation         |
| Siloxanes and Silicones, di-Me, reaction products with silica    | Ingestion | Not classified for development         | Rat     | NOAEL 1,350 mg/kg/day | during organogenesis |
| Silicon dioxide  | Ingestion | Not classified for female reproduction | Rat     | NOAEL 509 mg/kg/day   | 1 generation         |
| Silicon dioxide  | Ingestion | Not classified for male reproduction   | Rat     | NOAEL 497 mg/kg/day   | 1 generation         |
| Silicon dioxide  | Ingestion | Not classified for development         | Rat     | NOAEL 1,350 mg/kg/day | during organogenesis |

**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 |
|------|-------|-----------------|-------|---------|-------------|-------------------|
|------|-------|-----------------|-------|---------|-------------|-------------------|

|  |            |  |  |       |                       |                       |
|--|------------|--|--|-------|-----------------------|-----------------------|
| 4,4'-Isopropylidenediphenol-Epichlorohydrin Polymer              | Dermal     | liver  | Not classified   | Rat   | NOAEL 1,000 mg/kg/day | 2 years               |
| 4,4'-Isopropylidenediphenol-Epichlorohydrin Polymer              | Dermal     | nervous system   | Not classified   | Rat   | NOAEL 1,000 mg/kg/day | 13 weeks              |
| 4,4'-Isopropylidenediphenol-Epichlorohydrin Polymer              | Ingestion  | auditory system   heart   endocrine system   hematopoietic system   liver   eyes   kidney and/or bladder   | Not classified   | Rat   | NOAEL 1,000 mg/kg/day | 28 days               |
| Epichlorohydrin-4,4'-(1-Methylethylidene)Biscyclohexanol Polymer | Ingestion  | kidney and/or bladder  | Some positive data exist, but the data are not sufficient for classification | Rat   | NOAEL 100 mg/kg/day   | 90 days               |
| Epichlorohydrin-4,4'-(1-Methylethylidene)Biscyclohexanol Polymer | Ingestion  | heart   endocrine system   gastrointestinal tract   bone, teeth, nails, and/or hair   hematopoietic system   liver   immune system   nervous system   vascular system   skin   muscles   eyes   respiratory system | Not classified   | Rat   | NOAEL 600 mg/kg/day   | 90 days               |
| Siloxanes and Silicones, di-Me, reaction products with silica    | Inhalation | respiratory system   silicosis   | Not classified   | Human | NOAEL Not available   | occupational exposure |
| Silicon dioxide  | Inhalation | respiratory system   silicosis   | Not classified   | Human | NOAEL Not available   | occupational exposure |

#### Aspiration Hazard

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

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

## SECTION 12: Ecological information

The information below may not be consistent with the material classification in Section 2 if specific ingredient classifications are mandated by a competent authority. Additional information leading to material classification in Section 2 is available upon request. In addition, environmental fate and effects data on ingredients may not be reflected in this section because an ingredient is present below the threshold for labelling, an ingredient is not expected to be available for exposure, or the data is considered not relevant to the material as a whole.

### 12.1. Toxicity

#### Ecotoxic to the aquatic environment.

Acute Aquatic Toxicity: Category 2

Chronic Aquatic Toxicity: Category 2

No product test data available.

| Material   | CAS Number | Organism         | Type      | Exposure | Test endpoint | Test result |
|--|------------|------------------|-----------|----------|---------------|-------------|
| 4,4'-Isopropylidene diphenol-Epichlorohydrin Polymer | 25068-38-6 | Activated sludge | Estimated | 3 hours  | IC50          | >100 mg/l   |

|  |            |                  |   |          |      |            |
|--|------------|------------------|---|----------|------|------------|
| 4,4'-Isopropylidene diphenol-Epichlorohydrin Polymer             | 25068-38-6 | Green algae      | Estimated   | 72 hours | EC50 | >11 mg/l   |
| 4,4'-Isopropylidene diphenol-Epichlorohydrin Polymer             | 25068-38-6 | Rainbow trout    | Estimated   | 96 hours | LC50 | 2 mg/l     |
| 4,4'-Isopropylidene diphenol-Epichlorohydrin Polymer             | 25068-38-6 | Water flea       | Estimated   | 48 hours | EC50 | 1.8 mg/l   |
| 4,4'-Isopropylidene diphenol-Epichlorohydrin Polymer             | 25068-38-6 | Green algae      | Estimated   | 72 hours | NOEC | 4.2 mg/l   |
| 4,4'-Isopropylidene diphenol-Epichlorohydrin Polymer             | 25068-38-6 | Water flea       | Estimated   | 21 days  | NOEC | 0.3 mg/l   |
| Epichlorohydrin-4,4'-(1-Methylethylidene)Biscyclohexanol Polymer | 30583-72-3 | Activated sludge | Experimental  | 3 hours  | NOEC | 1,000 mg/l |
| Epichlorohydrin-4,4'-(1-Methylethylidene)Biscyclohexanol Polymer | 30583-72-3 | Green algae      | Experimental  | 72 hours | EC50 | >100 mg/l  |
| Epichlorohydrin-4,4'-(1-Methylethylidene)Biscyclohexanol Polymer | 30583-72-3 | Rainbow trout    | Experimental  | 96 hours | LC50 | 11.5 mg/l  |
| Siloxanes and Silicones, di-Me, reaction products with silica    | 67762-90-7 | N/A              | Data not available or insufficient for classification | N/A      | N/A  | N/A        |
| Calcium Phosphate  | 7758-87-4  | Activated sludge | Estimated   | 3 hours  | NOEC | 1,000 mg/l |
| Calcium Phosphate  | 7758-87-4  | Green algae      | Estimated   | 72 hours | EC50 | >100 mg/l  |
| Calcium Phosphate  | 7758-87-4  | Rainbow trout    | Estimated   | 96 hours | LC50 | >100 mg/l  |
| Calcium Phosphate  | 7758-87-4  | Water flea       | Estimated   | 48 hours | EC50 | >100 mg/l  |
| Calcium Phosphate  | 7758-87-4  | Green algae      | Estimated   | 72 hours | NOEC | 100 mg/l   |

|                 |           |     |   |     |     |     |
|-----------------|-----------|-----|---|-----|-----|-----|
| Silicon dioxide | 7631-86-9 | N/A | Data not available or insufficient for classification | N/A | N/A | N/A |
|-----------------|-----------|-----|---|-----|-----|-----|

## 12.2. Persistence and degradability

| Material   | CAS Number | Test type                         | Duration | Study Type           | Test result                   | Protocol                            |
|--|------------|-----------------------------------|----------|----------------------|-------------------------------|-------------------------------------|
| 4,4'-Isopropylidene diphenol-Epichlorohydrin Polymer             | 25068-38-6 | Estimated Biodegradation          | 28 days  | BOD                  | 5 %BOD/COD                    | OECD 301F - Manometric respirometry |
| 4,4'-Isopropylidene diphenol-Epichlorohydrin Polymer             | 25068-38-6 | Estimated Hydrolysis              |          | Hydrolytic half-life | 117 hours (t <sub>1/2</sub> ) |                                     |
| Epichlorohydrin-4,4'-(1-Methylethylidene)Biscyclohexanol Polymer | 30583-72-3 | Experimental Biodegradation       | 28 days  | BOD                  | 0.1 %BOD/ThOD                 | OECD 301D - Closed bottle test      |
| Siloxanes and Silicones, di-Me, reaction products with silica    | 67762-90-7 | Data not available - insufficient | N/A      | N/A                  | N/A                           | N/A                                 |
| Calcium Phosphate  | 7758-87-4  | Data not available - insufficient | N/A      | N/A                  | N/A                           | N/A                                 |
| Silicon dioxide  | 7631-86-9  | Data not available - insufficient | N/A      | N/A                  | N/A                           | N/A                                 |

## 12.3 : Bioaccumulative potential

| Material   | CAS Number | Test type   | Duration | Study Type | Test result | Protocol |
|--|------------|---|----------|------------|-------------|----------|
| 4,4'-Isopropylidene diphenol-Epichlorohydrin Polymer             | 25068-38-6 | Estimated Bioconcentration                            |          | Log Kow    | 3.242       |          |
| Epichlorohydrin-4,4'-(1-Methylethylidene)Biscyclohexanol Polymer | 30583-72-3 | Experimental Bioconcentration                         |          | Log Kow    | 3.84        |          |
| Siloxanes and Silicones, di-Me, reaction products with silica    | 67762-90-7 | Data not available or insufficient for classification | N/A      | N/A        | N/A         | N/A      |
| Calcium Phosphate  | 7758-87-4  | Data not available or                                 | N/A      | N/A        | N/A         | N/A      |

|                 |           |   |     |     |     |     |
|-----------------|-----------|---|-----|-----|-----|-----|
|                 |           | insufficient for classification                       |     |     |     |     |
| Silicon dioxide | 7631-86-9 | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |

#### 12.4. Mobility in soil

Please contact manufacturer for more details

#### 12.5 Other adverse effects

No information available.

## SECTION 13: Disposal considerations

#### 13.1. Disposal methods

In accordance with the Hazardous Substances (Disposal) Notice 2017 and the relevant criteria of the HSNO Act 1996.

Dispose of waste product in a permitted industrial waste facility. As a disposal alternative, incinerate 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.

Packaging (that may or may not contain any residual substance) may be lawfully disposed of by householders or other consumers through public or commercial waste collection services.

## SECTION 14: Transport Information

#### New Zealand Land Transport Rule: Dangerous Goods - Road/Rail Transport

**UN No.:** UN3077

**Proper Shipping Name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. , ( 4,4'-Isopropylidenediphenol-Epichlorohydrin Polymer )

**Class/Division:** 9

**Sub Risk:** Not applicable.

**Packing Group:** III

**Hazchem Code:** 2Z

**IERG:** 47

#### International Air Transport Association (IATA) - Air Transport

**UN No.:** UN3077

**Proper Shipping Name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. , ( 4,4'-Isopropylidenediphenol-Epichlorohydrin Polymer )

**Class/Division:** 9

**Sub Risk:** Not applicable.

**Packing Group:** III

**Special Instructions:** Not restricted, as per Special Provision A197, environmentally hazardous substance exception.

#### International Maritime Dangerous Goods Code (IMDG) - Marine Transport

**UN No.:** UN3077

**Proper Shipping Name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. , ( 4,4'-Isopropylidenediphenol-Epichlorohydrin Polymer )

**Class/Division:** 9

**Sub Risk:** Not applicable.

**Packing Group:** III

**Marine Pollutant:** Not applicable.

**Special Instructions:** Not restricted, as per IMDG code 2.10.2.7, marine pollutant exception.

## SECTION 15: Regulatory information

HSNO Approval number      HSR002679  
 Group standard name      Surface Coatings and Colourants (Carcinogenic) Group Standard 2020  
 HSNO Hazard classification    Refer to Section 2: Hazard identification

### NZ Inventory of Chemicals (NZIoC) Status

All ingredients are listed on the New Zealand Inventory of Chemicals.

### Controls in accordance with The Health and Safety at Work Act 2015, Health and Safety at Work (Hazardous Substances) Regulations 2017 and the HSNO Act 1996, Hazardous Substances (Hazardous Property Controls) Notice 2017

|                                 |   |
|---------------------------------|---|
| Certified handler               | Not required  |
| Location Compliance Certificate | Not required  |
| Hazardous atmosphere zone       | Not required  |
| Fire extinguishers              | Not required  |
| Emergency response plan         | 100 L or 100 kg (for Hazardous to the aquatic environment Category 1 substances); or 1 000 L or 1 000 kg (for Acute toxicity Category 4, Skin sensitisation Category 1, Respiratory sensitisation Category 1, Hazardous to the aquatic environment Category 2 or Hazardous to the aquatic environment Category 3 substances); or 10 000 L or 10 000 kg (for all other substances)   |
| Secondary containment           | 100 L or 100 kg (for Hazardous to the aquatic environment Category 1 substances); or 1 000 L or 1 000 kg (for Acute toxicity Category 4, Skin sensitisation Category 1, Respiratory sensitisation Category 1, Hazardous to the aquatic environment Category 2 or Hazardous to the aquatic environment Category 3 substances); or 10 000 L or 10 000 kg (for all other substances)   |
| Tracking                        | Not required  |
| Warning signage                 | 100 L or 100 kg (for Hazardous to the aquatic environment Category 1 substances); or 1 000 L or 1 000 kg (for Serious eye damage Category 1, Hazardous to the aquatic environment Category 2 or Hazardous to the aquatic environment Category 3 substances); or 10 000 L or 10 000 kg (for Acute toxicity Category 4 or Hazardous to the aquatic environment Category 4 substances) |

## SECTION 16: Other information

### Revision information:

Initial issue.

|                        |            |                         |            |
|------------------------|------------|-------------------------|------------|
| <b>Document group:</b> | 44-4903-9  | <b>Version number:</b>  | 1.01       |
| <b>Issue Date:</b>     | 31/07/2025 | <b>Supersedes date:</b> | 14/07/2025 |

### Key to abbreviations and acronyms

**GHS** refers to the Globally Harmonised System of Classification and Labelling of Chemicals, 7th revised edition of 2017

**HSNO** means Hazardous Substances and New Organisms Act 1996

The information in this Safety Data Sheet (SDS) is believed to be correct as of the date of issue. TO THE EXTENT PERMITTED BY LAW, 3M MAKES NO WARRANTY, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED

TO, ANY IMPLIED WARRANTY, OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR COURSE OF PERFORMANCE OR USAGE OF TRADE. User is responsible for determining whether the 3M 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 3M product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluates the 3M product to determine whether it is fit for a particular purpose and suitable for user's method of use or application. 3M provides information in electronic form as a service to customers. Due to the remote possibility of electronic transfer may have resulted in errors, omissions or alterations in this information; 3M makes no representations as to its completeness or accuracy. In addition, information obtained from a database may not be as current as the information in the SDS available directly from 3M.

**3M New Zealand SDS are available at 3M New Zealand Website: <http://solutions.3mnz.co.nz>**