



Safety Data Sheet

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|------------------------|------------|-------------------------|------------|
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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™ IMPRINT™ 4 LIGHT Catalyst

1.2. Recommended use and restrictions on use

Recommended use

Dental Product, Impression Material

For use only by dental professionals.

Restrictions on use

For use only by dental professionals in approved indications.

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

Not 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

Not classified as hazardous.

2.2. Label elements

SIGNAL WORD

Not applicable.

Symbols:

Not applicable.

SECTION 3: Composition/information on ingredients

| Ingredient | CAS Nbr | % by Weight |
|--|------------|-------------|
| Vinyl terminated polydimethylsiloxane | 68083-19-2 | 40 - 60 |
| Cristobalite | 14464-46-1 | 20 - 40 |
| Poly(dimethylsiloxane) | 63148-62-9 | 1 - 10 |
| 2-Propenoic acid, 2-methyl-, 3-(trimetoxysilyl)propyl ester, hydrolysis products with silica | 67762-90-7 | 1 - 10 |

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

Wash with soap and water. 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

No critical symptoms or effects. See Section 11.1, information on toxicological effects.

4.3. Indication of any immediate medical attention and special treatment required

Not applicable

SECTION 5: Fire-fighting measures

5.1. Suitable extinguishing media

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

5.2. Special hazards arising from the substance or mixture

None inherent in this product.

Hazardous Decomposition or By-Products

Substance

Carbon monoxide.
Carbon dioxide.
Irritant vapours or gases.

Condition

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: Not applicable.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

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

6.2. Environmental precautions

Avoid release to the environment.

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

Avoid prolonged or repeated skin contact. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. 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 strong bases. 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**

If a component is disclosed in section 3 but does not appear in the table below, an occupational exposure limit is not available for the component.

| Ingredient | CAS Nbr | Agency | Limit type | Additional comments |
|---|----------------|-----------------|--|------------------------------|
| Cristobalite | 14464-46-1 | ACGIH | TWA(respirable fraction):0.025 mg/m ³ | A2: Suspected human carcin. |
| Dust, inert or nuisance | 14464-46-1 | New Zealand WES | TWA(as respirable dust)(8 hours):3 mg/m ³ ;TWA(as inhalable dust)(8 hours):10 mg/m ³ | |
| Kieselguhr, soda ash flux-calcined | 14464-46-1 | New Zealand WES | TWA(8 hours):10 mg/m ³ | |
| Silica, crystalline (airborne particles of respirable size) | 14464-46-1 | New Zealand WES | TWA(as respirable dust)(8 hours):0.05 mg/m ³ | Class-subclass 6.7, carc HCA |

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/m³: milligrams per cubic metre

CEIL: Ceiling

8.2. Exposure controls

8.2.1. Engineering controls

Use in a well-ventilated area.

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.

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

See Section 7.1 for additional information on skin protection.

Respiratory protection

None required.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|--|---|
| Physical state | Solid. |
| Specific Physical Form: | Paste |
| Colour | Pink |
| Odour | Slight Odour, Characteristic Odour |
| Odour threshold | <i>No data available.</i> |
| pH | <i>No data available.</i> |
| Melting point/Freezing point | <i>Not applicable.</i> |
| Boiling point/Initial boiling point/Boiling range | <i>Not applicable.</i> |
| Flash point | No flash point |
| Evaporation rate | <i>No data available.</i> |
| Flammability (solid, gas) | Not classified |
| Flammable Limits(LEL) | <i>Not applicable.</i> |
| Flammable Limits(UEL) | <i>Not applicable.</i> |
| Vapour pressure | <i>No data available.</i> |
| Vapor Density and/or Relative Vapor Density | <i>No data available.</i> |
| Density | 1.2 g/cm ³ - 1.4 g/cm ³ |
| Relative density | 1.2 - 1.4 [Ref Std: WATER=1] |
| Water solubility | Negligible |
| Solubility- non-water | <i>No data available.</i> |
| Partition coefficient: n-octanol/water | <i>Not applicable.</i> |
| Autoignition temperature | <i>No data available.</i> |
| Decomposition temperature | <i>No data available.</i> |
| Viscosity/Kinematic Viscosity | <i>No data available.</i> |
| Volatile organic compounds (VOC) | <i>Not applicable.</i> |
| Percent volatile | <i>Not applicable.</i> |
| VOC less H₂O & exempt solvents | <i>Not applicable.</i> |

Molecular weight

*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 polymerisation will not occur.

10.4 Conditions to avoid

Heat.

10.5 Incompatible materials

Amines.

Strong acids.

Strong bases.

Strong oxidising 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 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

This product may have a characteristic odour; however, no adverse health effects are anticipated.

Skin contact

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

Eye contact

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

Ingestion

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

Additional Health Effects:**Carcinogenicity:**

Exposures needed to cause the following health effect(s) are not expected during normal, intended use:

Contains a chemical or chemicals which can cause cancer.

Toxicological Data

If a component is disclosed in section 3 but does not appear in a table below, either no data are available for that endpoint or the data are not sufficient for classification.

Acute Toxicity

| Name | Route | Species | Value |
|--|--------------------------------|---------|--|
| Overall product | Ingestion | | No data available; calculated ATE >5,000 mg/kg |
| Vinyl terminated polydimethylsiloxane | Dermal | Rabbit | LD50 > 15,440 mg/kg |
| Vinyl terminated polydimethylsiloxane | Ingestion | Rat | LD50 > 15,440 mg/kg |
| Cristobalite | Dermal | | LD50 estimated to be > 5,000 mg/kg |
| Cristobalite | Ingestion | | LD50 estimated to be > 5,000 mg/kg |
| 2-Propenoic acid, 2-methyl-, 3-(trimetoxysilyl)propyl ester, hydrolysis products with silica | Dermal | Rabbit | LD50 > 5,000 mg/kg |
| 2-Propenoic acid, 2-methyl-, 3-(trimetoxysilyl)propyl ester, hydrolysis products with silica | Inhalation-Dust/Mist (4 hours) | Rat | LC50 > 0.691 mg/l |
| 2-Propenoic acid, 2-methyl-, 3-(trimetoxysilyl)propyl ester, hydrolysis products with silica | Ingestion | Rat | LD50 > 5,110 mg/kg |
| Poly(dimethylsiloxane) | Dermal | Rabbit | LD50 > 19,400 mg/kg |
| Poly(dimethylsiloxane) | Ingestion | Rat | LD50 > 17,000 mg/kg |

ATE = acute toxicity estimate

Skin Corrosion/Irritation

| Name | Species | Value |
|--|------------------------|---------------------------|
| Vinyl terminated polydimethylsiloxane | Rabbit | No significant irritation |
| Cristobalite | Professional judgement | No significant irritation |
| 2-Propenoic acid, 2-methyl-, 3-(trimetoxysilyl)propyl ester, hydrolysis products with silica | Rabbit | No significant irritation |
| Poly(dimethylsiloxane) | Rabbit | No significant irritation |

Serious Eye Damage/Irritation

| Name | Species | Value |
|--|---------|---------------------------|
| Vinyl terminated polydimethylsiloxane | Rabbit | Mild irritant |
| 2-Propenoic acid, 2-methyl-, 3-(trimetoxysilyl)propyl ester, hydrolysis products with silica | Rabbit | No significant irritation |
| Poly(dimethylsiloxane) | Rabbit | No significant irritation |

Sensitisation:**Skin Sensitisation**

| Name | Species | Value |
|--|------------------|----------------|
| 2-Propenoic acid, 2-methyl-, 3-(trimetoxysilyl)propyl ester, hydrolysis products with silica | Human and animal | Not classified |

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 |
|--|----------|--|
| Cristobalite | In Vitro | Some positive data exist, but the data are not sufficient for classification |
| Cristobalite | In vivo | Some positive data exist, but the data are not sufficient for classification |
| 2-Propenoic acid, 2-methyl-, 3-(trimetoxysilyl)propyl ester, hydrolysis products with silica | In Vitro | Not mutagenic |

Carcinogenicity

| Name | Route | Species | Value |
|--|----------------|------------------|--|
| Cristobalite | Inhalation | Human and animal | Carcinogenic. |
| 2-Propenoic acid, 2-methyl-, 3-(trimetoxysilyl)propyl ester, hydrolysis products with 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 |
|--|-----------|--|---------|-----------------------|----------------------|
| 2-Propenoic acid, 2-methyl-, 3-(trimetoxysilyl)propyl ester, hydrolysis products with silica | Ingestion | Not classified for female reproduction | Rat | NOAEL 509 mg/kg/day | 1 generation |
| 2-Propenoic acid, 2-methyl-, 3-(trimetoxysilyl)propyl ester, hydrolysis products with silica | Ingestion | Not classified for male reproduction | Rat | NOAEL 497 mg/kg/day | 1 generation |
| 2-Propenoic acid, 2-methyl-, 3-(trimetoxysilyl)propyl ester, hydrolysis products with silica | 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 |
|--|------------|--------------------------------|--|---------|---------------------|-----------------------|
| Cristobalite | Inhalation | silicosis | Causes damage to organs through prolonged or repeated exposure | Human | NOAEL Not available | occupational exposure |
| 2-Propenoic acid, 2-methyl-, 3-(trimetoxysilyl)propyl ester, hydrolysis products with silica | 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

No product test data available.

| Material | CAS Number | Organism | Type | Exposure | Test endpoint | Test result |
|---|------------|----------|---|----------|---------------|-------------|
| Vinyl terminated polydimethylsiloxane | 68083-19-2 | N/A | Data not available or insufficient for classification | N/A | N/A | N/A |
| Cristobalite | 14464-46-1 | N/A | Data not available or insufficient for classification | N/A | N/A | N/A |
| Poly(dimethylsiloxane) | 63148-62-9 | N/A | Data not available or insufficient for classification | N/A | N/A | N/A |
| 2-Propenoic acid, 2-methyl-, 3-(trimetoxysilyl) propyl ester, hydrolysis products with silica | 67762-90-7 | 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 |
|---|------------|----------------------------------|----------|------------|-------------|----------|
| Vinyl terminated polydimethylsiloxane | 68083-19-2 | Data not available- insufficient | N/A | N/A | N/A | N/A |
| Cristobalite | 14464-46-1 | Data not available- insufficient | N/A | N/A | N/A | N/A |
| Poly(dimethylsiloxane) | 63148-62-9 | Data not available- insufficient | N/A | N/A | N/A | N/A |
| 2-Propenoic acid, 2-methyl-, 3-(trimetoxysilyl) propyl ester, hydrolysis products with silica | 67762-90-7 | 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 |
|----------|------------|-----------|----------|------------|-------------|----------|
|----------|------------|-----------|----------|------------|-------------|----------|

| | | | | | | |
|---|------------|---|-----|-----|-----|-----|
| Vinyl terminated polydimethylsiloxane | 68083-19-2 | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |
| Cristobalite | 14464-46-1 | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |
| Poly(dimethylsiloxane) | 63148-62-9 | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |
| 2-Propenoic acid, 2-methyl-, 3-(trimetoxysilyl) propyl ester, hydrolysis products with silica | 67762-90-7 | 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. If no other disposal options are available, waste product may be placed in a landfill properly designed for industrial waste.

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.: Not applicable.

Proper Shipping Name: Not applicable.

Class/Division: Not applicable.

Sub Risk: Not applicable.

Packing Group: Not applicable.

Hazchem Code: Not applicable.

IERG: Not applicable.

International Air Transport Association (IATA) - Air Transport

UN No.: Not applicable.

Proper Shipping Name: Not applicable.

Class/Division: Not applicable.
Sub Risk: Not applicable.
Packing Group: Not applicable.

International Maritime Dangerous Goods Code (IMDG) - Marine Transport

UN No.: Not applicable.
Proper Shipping Name: Not applicable.
Class/Division: Not applicable.
Sub Risk: Not applicable.
Packing Group: Not applicable.
Marine Pollutant: Not applicable.

SECTION 15: Regulatory information

HSNO Approval number Not applicable
 Group standard name Not applicable
 HSNO Hazard classification Refer to Section 2: Hazard identification

NZ Inventory of Chemicals (NZIoC) Status

All applicable chemical ingredients in this material are in compliance with NZIoC listing requirements.

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 | Not required |
| Secondary containment | Not required |
| Tracking | Not required |
| Warning signage | Not required |

SECTION 16: Other information

Revision information:

Complete document review.

| | | | |
|------------------------|------------|-------------------------|------------|
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| Issue Date: | 14/06/2023 | Supersedes date: | 03/12/2018 |

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

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Safety Data Sheet

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| | | | |
|------------------------|------------|-------------------------|------------|
| Document group: | 31-4863-2 | Version number: | 3.00 |
| Issue Date: | 12/02/2023 | Supersedes date: | 03/12/2018 |

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™ Imprint™ 4 Light Base

1.2. Recommended use and restrictions on use

Recommended use

Dental Product, Impression Material

Restrictions on use

For use by dental professionals 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

Chronic Aquatic Toxicity: Category 3

2.2. Label elements

SIGNAL WORD

Not applicable.

Symbols:

Not applicable.

HAZARD STATEMENTS:

H412 Harmful to aquatic life with long lasting effects.

PRECAUTIONARY STATEMENTS**Prevention**

P273 Avoid release to the environment.

Disposal

P501 Dispose of contents/container in accordance with applicable local/regional/national/international regulations.

2.3. Other hazards

The silicosis target organ toxicity classification is not applied because there is no potential for inhalation exposure.

SECTION 3: Composition/information on ingredients

| Ingredient | CAS Nbr | % by Weight |
|--|--------------|-------------|
| Cristobalite | 14464-46-1 | 20 - 40 |
| Vinyl-polydimethyl siloxane | 68083-19-2 | 30 - 40 |
| Dimethyl methyl hydrogen silicone fluid | 68037-59-2 | 10 - 20 |
| 2-Propenoic acid, 2-methyl-, 3-(trimetoxysilyl)propyl ester, hydrolysis products with silica | 67762-90-7 | 1 - 10 |
| Allyltrimethylsilane | 762-72-1 | < 5 |
| Polyethyleneglycol, siloxane terminated | 27306-78-1 | < 5 |
| Fluorinated polyether | Trade Secret | < 5 |
| Quartz | 14808-60-7 | < 0.5 |

SECTION 4: First aid measures**4.1. Description of first aid measures****Inhalation**

No need for first aid is anticipated. If symptoms develop, remove the affected person to fresh air. Get medical attention.

Skin contact

Wash with soap and water. 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

No critical symptoms or effects. See Section 11.1, information on toxicological effects.

4.3. Indication of any immediate medical attention and special treatment required

Not applicable

SECTION 5: Fire-fighting measures**5.1. Suitable extinguishing media**

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

5.2. Special hazards arising from the substance or mixture

None inherent in this product.

Hazardous Decomposition or By-Products

Substance

Carbon monoxide.
Carbon dioxide.
Irritant vapours or gases.

Condition

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: Not applicable.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Evacuate area. Ventilate the area with fresh air. 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.

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

Avoid prolonged or repeated skin contact. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Avoid release to the environment. 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 strong bases. 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

If a component is disclosed in section 3 but does not appear in the table below, an occupational exposure limit is not available for the component.

| Ingredient | CAS Nbr | Agency | Limit type | Additional comments |
|------------|---------|--------|------------|---------------------|
|------------|---------|--------|------------|---------------------|

| | | | | |
|---|------------|-----------------|--|------------------------------|
| Cristobalite | 14464-46-1 | ACGIH | TWA(respirable fraction):0.025 mg/m3 | A2: Suspected human carcin. |
| Dust, inert or nuisance | 14464-46-1 | New Zealand WES | TWA(as respirable dust)(8 hours):3 mg/m3;TWA(as inhalable dust)(8 hours):10 mg/m3 | |
| Glass filaments | 14464-46-1 | New Zealand WES | TWA(Respirable fibers)(8 hours):1 f/mL;TWA(as respirable dust)(8 hours):1 f/mL;TWA(as inhalable dust)(8 hours):5 mg/m3 | |
| Kieselguhr, soda ash flux-calcined | 14464-46-1 | New Zealand WES | TWA(8 hours):10 mg/m3 | |
| Silica, crystalline (airborne particles of respirable size) | 14464-46-1 | New Zealand WES | TWA(as respirable dust)(8 hours):0.05 mg/m3 | Class-subclass 6.7, carc HCA |
| Quartz | 14808-60-7 | ACGIH | TWA(respirable fraction):0.025 mg/m3 | A2: Suspected human carcin. |
| Silica, crystalline (airborne particles of respirable size) | 14808-60-7 | New Zealand WES | TWA(as respirable dust)(8 hours):0.05 mg/m3 | Class-subclass 6.7, carc HCA |

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/m³: milligrams per cubic metre
 CEIL: Ceiling

8.2. Exposure controls

8.2.1. Engineering controls

Use in a well-ventilated area.

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.

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

See Section 7.1 for additional information on skin protection.

Respiratory protection

None required.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|--------------------------------|--------|
| Physical state | Solid. |
| Specific Physical Form: | Paste |

| | |
|--|---|
| Colour | White |
| Odour | Minty |
| Odour threshold | <i>No data available.</i> |
| pH | <i>No data available.</i> |
| Melting point/Freezing point | <i>Not applicable.</i> |
| Boiling point/Initial boiling point/Boiling range | <i>Not applicable.</i> |
| Flash point | No flash point |
| Evaporation rate | <i>No data available.</i> |
| Flammability (solid, gas) | Not classified |
| Flammable Limits(LEL) | <i>Not applicable.</i> |
| Flammable Limits(UEL) | <i>Not applicable.</i> |
| Vapour pressure | <i>No data available.</i> |
| Vapor Density and/or Relative Vapor Density | <i>No data available.</i> |
| Density | 1.1 g/cm ³ - 1.3 g/cm ³ |
| Relative density | 1.1 - 1.3 [Ref Std: WATER=1] |
| Water solubility | Negligible |
| Solubility- non-water | <i>No data available.</i> |
| Partition coefficient: n-octanol/water | <i>Not applicable.</i> |
| Autoignition temperature | <i>No data available.</i> |
| Decomposition temperature | <i>No data available.</i> |
| Viscosity/Kinematic Viscosity | <i>No data available.</i> |
| Volatile organic compounds (VOC) | <i>Not applicable.</i> |
| Percent volatile | <i>Not applicable.</i> |
| VOC less H₂O & exempt solvents | <i>Not applicable.</i> |
| Molecular weight | <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.

10.5 Incompatible materials

Amines.
Strong acids.
Strong bases.
Strong oxidising agents.

10.6 Hazardous decomposition products

| <u>Substance</u> | <u>Condition</u> |
|------------------|------------------|
| None known. | |

Refer to Section 5.2 for hazardous decomposition products during combustion.

SECTION 11: Toxicological information

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

This product may have a characteristic odour; however, no adverse health effects are anticipated.

Skin contact

Mild Skin Irritation: Signs/symptoms may include localized redness, swelling, itching, and dryness.

Eye contact

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

Ingestion

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

Additional Health Effects:

Carcinogenicity:

Exposures needed to cause the following health effect(s) are not expected during normal, intended use:

Contains a chemical or chemicals which can cause cancer.

Toxicological Data

If a component is disclosed in section 3 but does not appear in a table below, either no data are available for that endpoint or the data are not sufficient for classification.

Acute Toxicity

| Name | Route | Species | Value |
|--|--------------------------------|---------|--|
| Overall product | Dermal | | No data available; calculated ATE >5,000 mg/kg |
| Overall product | Ingestion | | No data available; calculated ATE >5,000 mg/kg |
| Vinyl-polydimethyl siloxane | Dermal | Rabbit | LD50 > 15,440 mg/kg |
| Vinyl-polydimethyl siloxane | Ingestion | Rat | LD50 > 15,440 mg/kg |
| Cristobalite | Dermal | | LD50 estimated to be > 5,000 mg/kg |
| Cristobalite | Ingestion | | LD50 estimated to be > 5,000 mg/kg |
| Dimethyl methyl hydrogen silicone fluid | Dermal | Rabbit | LD50 > 2,000 mg/kg |
| Dimethyl methyl hydrogen silicone fluid | Ingestion | Rat | LD50 > 2,000 mg/kg |
| 2-Propenoic acid, 2-methyl-, 3-(trimetoxysilyl)propyl ester, hydrolysis products with silica | Dermal | Rabbit | LD50 > 5,000 mg/kg |
| 2-Propenoic acid, 2-methyl-, 3-(trimetoxysilyl)propyl ester, hydrolysis products with silica | Inhalation-Dust/Mist (4 hours) | Rat | LC50 > 0.691 mg/l |
| 2-Propenoic acid, 2-methyl-, 3-(trimetoxysilyl)propyl ester, hydrolysis products with silica | Ingestion | Rat | LD50 > 5,110 mg/kg |
| Polyethyleneglycol, siloxane terminated | Dermal | Rabbit | LD50 > 2,000 mg/kg |
| Polyethyleneglycol, siloxane terminated | Inhalation-Dust/Mist (4 hours) | Rat | LC50 2 mg/l |
| Polyethyleneglycol, siloxane terminated | Ingestion | Rat | LD50 > 2,000 mg/kg |

| | | | |
|-----------------------|-----------|------------------------|--|
| Allyltrimethylsilane | Dermal | Professional judgement | LD50 estimated to be 2,000 - 5,000 mg/kg |
| Allyltrimethylsilane | Ingestion | similar compounds | LD50 estimated to be 2,000 - 5,000 mg/kg |
| Fluorinated polyether | Dermal | Professional judgement | LD50 estimated to be > 5,000 mg/kg |
| Fluorinated polyether | Ingestion | Rat | LD50 > 1,000 mg/kg |
| Quartz | Dermal | | LD50 estimated to be > 5,000 mg/kg |
| Quartz | Ingestion | | LD50 estimated to be > 5,000 mg/kg |

ATE = acute toxicity estimate

Skin Corrosion/Irritation

| Name | Species | Value |
|--|------------------------|---------------------------|
| Vinyl-polydimethyl siloxane | Rabbit | No significant irritation |
| Cristobalite | Professional judgement | No significant irritation |
| Dimethyl methyl hydrogen silicone fluid | Rabbit | No significant irritation |
| 2-Propenoic acid, 2-methyl-, 3-(trimetoxysilyl)propyl ester, hydrolysis products with silica | Rabbit | No significant irritation |
| Polyethyleneglycol, siloxane terminated | Rabbit | No significant irritation |
| Allyltrimethylsilane | Not available | Irritant |
| Quartz | Professional judgement | No significant irritation |

Serious Eye Damage/Irritation

| Name | Species | Value |
|--|---------------|---------------------------|
| Vinyl-polydimethyl siloxane | Rabbit | Mild irritant |
| Dimethyl methyl hydrogen silicone fluid | Rabbit | Mild irritant |
| 2-Propenoic acid, 2-methyl-, 3-(trimetoxysilyl)propyl ester, hydrolysis products with silica | Rabbit | No significant irritation |
| Polyethyleneglycol, siloxane terminated | Rabbit | Severe irritant |
| Allyltrimethylsilane | Not available | Severe irritant |

Sensitisation:

Skin Sensitisation

| Name | Species | Value |
|--|------------------|----------------|
| Dimethyl methyl hydrogen silicone fluid | Guinea pig | Not classified |
| 2-Propenoic acid, 2-methyl-, 3-(trimetoxysilyl)propyl ester, hydrolysis products with silica | Human and animal | Not classified |
| Polyethyleneglycol, siloxane terminated | Guinea pig | Not classified |

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 |
|--|----------|--|
| Cristobalite | In Vitro | Some positive data exist, but the data are not sufficient for classification |
| Cristobalite | In vivo | Some positive data exist, but the data are not sufficient for classification |
| Dimethyl methyl hydrogen silicone fluid | In Vitro | Not mutagenic |
| 2-Propenoic acid, 2-methyl-, 3-(trimetoxysilyl)propyl ester, hydrolysis products with silica | In Vitro | Not mutagenic |
| Polyethyleneglycol, siloxane terminated | In Vitro | Not mutagenic |
| Polyethyleneglycol, siloxane terminated | In vivo | Not mutagenic |
| Allyltrimethylsilane | In Vitro | Not mutagenic |
| Quartz | In Vitro | Some positive data exist, but the data are not sufficient for classification |
| Quartz | In vivo | Some positive data exist, but the data are not sufficient for classification |

Carcinogenicity

| Name | Route | Species | Value |
|--|----------------|------------------|--|
| Cristobalite | Inhalation | Human and animal | Carcinogenic. |
| 2-Propenoic acid, 2-methyl-, 3-(trimetoxysilyl)propyl ester, hydrolysis products with silica | Not specified. | Mouse | Some positive data exist, but the data are not sufficient for classification |
| Quartz | Inhalation | Human and animal | Carcinogenic. |

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

| Name | Route | Value | Species | Test result | Exposure Duration |
|--|-----------|--|---------|-----------------------|--------------------------------|
| 2-Propenoic acid, 2-methyl-, 3-(trimetoxysilyl)propyl ester, hydrolysis products with silica | Ingestion | Not classified for female reproduction | Rat | NOAEL 509 mg/kg/day | 1 generation |
| 2-Propenoic acid, 2-methyl-, 3-(trimetoxysilyl)propyl ester, hydrolysis products with silica | Ingestion | Not classified for male reproduction | Rat | NOAEL 497 mg/kg/day | 1 generation |
| 2-Propenoic acid, 2-methyl-, 3-(trimetoxysilyl)propyl ester, hydrolysis products with silica | Ingestion | Not classified for development | Rat | NOAEL 1,350 mg/kg/day | during organogenesis |
| Polyethyleneglycol, siloxane terminated | Ingestion | Not classified for reproduction and/or development | Rat | NOAEL 450 mg/kg/day | prematuring & during gestation |
| Fluorinated polyether | Ingestion | Not classified for reproduction and/or development | Rat | NOAEL 1,000 mg/kg/day | prematuring into lactation |
| Fluorinated polyether | Ingestion | Not classified for female reproduction | Rat | NOAEL 1,000 mg/kg/day | prematuring into lactation |
| Fluorinated polyether | Ingestion | Not classified for male reproduction | Rat | NOAEL 1,000 mg/kg/day | prematuring into lactation |

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

| Name | Route | Target Organ(s) | Value | Species | Test result | Exposure Duration |
|----------------------|------------|------------------------|----------------------------------|---------------|---------------------|-------------------|
| Allyltrimethylsilane | Inhalation | respiratory irritation | May cause respiratory irritation | Not available | NOAEL Not available | |

Specific Target Organ Toxicity - repeated exposure

| Name | Route | Target Organ(s) | Value | Species | Test result | Exposure Duration |
|--|------------|---|--|---------|-----------------------|-----------------------|
| Cristobalite | Inhalation | silicosis | Causes damage to organs through prolonged or repeated exposure | Human | NOAEL Not available | occupational exposure |
| 2-Propenoic acid, 2-methyl-, 3-(trimetoxysilyl)propyl ester, hydrolysis products with silica | Inhalation | respiratory system silicosis | Not classified | Human | NOAEL Not available | occupational exposure |
| Fluorinated polyether | Ingestion | auditory system heart endocrine system hematopoietic system liver immune system muscles nervous system eyes | Not classified | Rat | NOAEL 1,000 mg/kg/day | 28 days |
| Quartz | Inhalation | silicosis | Causes damage to organs through prolonged or repeated exposure | 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 3

Chronic Aquatic Toxicity: Category 3

No product test data available.

| Material | CAS Number | Organism | Type | Exposure | Test endpoint | Test result |
|---|------------|----------|---|----------|---------------|-------------|
| Cristobalite | 14464-46-1 | N/A | Data not available or insufficient for classification | N/A | N/A | N/A |
| Vinyl-polydimethyl siloxane | 68083-19-2 | N/A | Data not available or insufficient for classification | N/A | N/A | N/A |
| Dimethyl methyl hydrogen silicone fluid | 68037-59-2 | N/A | Data not available or insufficient for classification | N/A | N/A | N/A |
| 2-Propenoic acid, 2-methyl-, 3-(trimetoxysilyl) | 67762-90-7 | N/A | Data not available or insufficient for classification | N/A | N/A | N/A |

| | | | | | | |
|---|--------------|---------------|---|----------|------|------------|
| propyl ester, hydrolysis products with silica | | | | | | |
| Allyltrimethylsilane | 762-72-1 | N/A | Data not available or insufficient for classification | N/A | N/A | N/A |
| Fluorinated polyether | Trade Secret | N/A | Data not available or insufficient for classification | N/A | N/A | N/A |
| Polyethyleneglycol, siloxane terminated | 27306-78-1 | Green algae | Estimated | 96 hours | EC50 | 32 mg/l |
| Polyethyleneglycol, siloxane terminated | 27306-78-1 | Rainbow trout | Estimated | 96 hours | LC50 | 4.5 mg/l |
| Polyethyleneglycol, siloxane terminated | 27306-78-1 | Water flea | Estimated | 48 hours | LC50 | 23.4 mg/l |
| Quartz | 14808-60-7 | Green algae | Estimated | 72 hours | EC50 | 440 mg/l |
| Quartz | 14808-60-7 | Water flea | Estimated | 48 hours | EC50 | 7,600 mg/l |
| Quartz | 14808-60-7 | Zebra Fish | Estimated | 96 hours | LC50 | 5,000 mg/l |
| Quartz | 14808-60-7 | Green algae | Estimated | 72 hours | NOEC | 60 mg/l |

12.2. Persistence and degradability

| Material | CAS Number | Test type | Duration | Study Type | Test result | Protocol |
|---|--------------|-----------------------------------|----------|------------|-------------|-------------------------------------|
| Cristobalite | 14464-46-1 | Data not available - insufficient | N/A | N/A | N/A | N/A |
| Vinyl-polydimethyl siloxane | 68083-19-2 | Data not available - insufficient | N/A | N/A | N/A | N/A |
| Dimethyl methyl hydrogen silicone fluid | 68037-59-2 | Data not available - insufficient | N/A | N/A | N/A | N/A |
| 2-Propenoic acid, 2-methyl-, 3-(trimetoxysilyl) propyl ester, hydrolysis products with silica | 67762-90-7 | Data not available - insufficient | N/A | N/A | N/A | N/A |
| Allyltrimethylsilane | 762-72-1 | Estimated Biodegradation | 28 days | BOD | 9 %BOD/ThOD | OECD 301F - Manometric respirometry |
| Fluorinated polyether | Trade Secret | Data not available - insufficient | N/A | N/A | N/A | N/A |
| Polyethyleneglycol, siloxane | 27306-78-1 | Modeled Biodegradation | 28 days | BOD | 1 %BOD/ThOD | Catalogic™ |

| | | | | | | |
|------------|------------|------------------------------------|-----|-----|-----|-----|
| terminated | | | | | | |
| Quartz | 14808-60-7 | Data not available or insufficient | N/A | N/A | N/A | N/A |

12.3 : Bioaccumulative potential

| Material | CAS Number | Test type | Duration | Study Type | Test result | Protocol |
|---|--------------|---|----------|------------------------|-------------|------------|
| Cristobalite | 14464-46-1 | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |
| Vinyl-polydimethyl siloxane | 68083-19-2 | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |
| Dimethyl methyl hydrogen silicone fluid | 68037-59-2 | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |
| 2-Propenoic acid, 2-methyl-, 3-(trimetoxysilyl) propyl ester, hydrolysis products with silica | 67762-90-7 | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |
| Allyltrimethylsilane | 762-72-1 | Estimated Bioconcentration | | Bioaccumulation factor | 269 | |
| Fluorinated polyether | Trade Secret | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |
| Polyethyleneglycol, siloxane terminated | 27306-78-1 | Modeled Bioconcentration | | Bioaccumulation factor | 331 | Catalogic™ |
| Quartz | 14808-60-7 | 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 completely cured (or polymerized) material in a permitted industrial waste facility. As a disposal alternative, incinerate uncured product in a permitted waste incineration facility. If no other disposal options are available, waste product that has been completely cured or polymerized may be placed in a landfill properly designed for industrial waste.

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.: Not applicable.

Proper Shipping Name: Not applicable.

Class/Division: Not applicable.

Sub Risk: Not applicable.

Packing Group: Not applicable.

Hazchem Code: Not applicable.

IERG: Not applicable.

International Air Transport Association (IATA) - Air Transport

UN No.: Not applicable.

Proper Shipping Name: Not applicable.

Class/Division: Not applicable.

Sub Risk: Not applicable.

Packing Group: Not applicable.

International Maritime Dangerous Goods Code (IMDG) - Marine Transport

UN No.: Not applicable.

Proper Shipping Name: Not applicable.

Class/Division: Not applicable.

Sub Risk: Not applicable.

Packing Group: Not applicable.

Marine Pollutant: Not applicable.

SECTION 15: Regulatory information

HSNO Approval number HSR002558

Group standard name Dental Products (Subsidiary Hazard) Group Standard 2020

HSNO Hazard classification Refer to Section 2: Hazard identification

NZ Inventory of Chemicals (NZIoC) Status

All applicable chemical ingredients in this material are in compliance with NZIoC listing requirements.

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 Germ cell mutagenicity |

| | |
|-----------------------|---|
| Secondary containment | Category 1, Reproductive toxicity Category 1, Specific target organ toxicity Category 1, Serious eye damage Category 1, Hazardous to the aquatic environment Category 4 substances) 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 Germ cell mutagenicity Category 1, Reproductive toxicity Category 1, Specific target organ toxicity Category 1, Serious eye damage Category 1, Hazardous to the aquatic environment Category 4 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:

Complete document review.

| | | | |
|------------------------|------------|-------------------------|------------|
| Document group: | 31-4863-2 | Version number: | 3.00 |
| Issue Date: | 12/02/2023 | Supersedes date: | 03/12/2018 |

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

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