

Safety Data Sheet

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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

3MTM ProtempTM Crown

Product Identification Numbers

70-2010-5122-7 70-2010-5123-5 70-2010-5124-3 70-2010-5125-0 70-2010-5126-8

70-2010-5127-6 70-2010-5128-4 70-2010-5129-2

1.2. Recommended use and restrictions on use

Recommended use

Dental product, Temporization 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

Reproductive Toxicity: Category 1B

2.2. Label elements

SIGNAL WORD

Danger

Symbols:

Health Hazard |

Pictograms



HAZARD STATEMENTS:

H360 May damage fertility or the unborn child.

PRECAUTIONARY STATEMENTS

Prevention

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P280E Wear protective gloves.

Response

P308 + P313 IF exposed or concerned: Get medical advice/attention.

Storage

P405 Store locked up.

Disposal

P501 Dispose of contents/container in accordance with applicable

 $local/regional/national/international\ regulations.$

SECTION 3: Composition/information on ingredients

| Ingredient | CAS Nbr | % by Weight |
|--|-------------|-------------|
| Silane Treated Ceramic | 444758-98-9 | 70 - 80 |
| (1-methylethylidene)bis[4,1-phenyleneoxy(2-hydroxy-3,1-propanediyl)] | 1565-94-2 | 5 - 15 |
| bismethacrylate | | |
| Silane, trimethoxyoctyl-, hydrolysis products with silica | 112945-52-5 | 1 - 10 |
| Reacted Polycaprolactone Polymer | None | 1 - 10 |
| Ethyl 4-dimethylaminobenzoate | 10287-53-3 | < 0.5 |
| Diphenyliodonium Hexafluorophosphate | 58109-40-3 | < 0.3 |

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation

Remove person to fresh air. If you are concerned, get medical advice.

Skin contact

Wash with soap and water. If you are concerned, get medical advice.

Eve contact

No need for first aid is anticipated.

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.

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: 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 handle until all safety precautions have been read and understood. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Do not get in eyes. Use personal protective equipment (eg. gloves, respirators...) as required.

7.2. Conditions for safe storage including any incompatibilities

No special storage requirements.

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

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

| into mation on basic physical and chemical propertie | |
|--|-----------------------|
| Physical state | Solid. |
| Specific Physical Form: | Paste |
| | |
| Colour | Off-White |
| Odour | Characteristic Odour |
| Odour threshold | No data available. |
| pH | Not applicable. |
| Melting point/Freezing point | No data available. |
| Boiling point/Initial boiling point/Boiling range | Not applicable. |
| Flash point | Not applicable. |
| Evaporation rate | No data available. |
| Flammability (solid, gas) | Not classified |
| Flammable Limits(LEL) | Not applicable. |
| Flammable Limits(UEL) | Not applicable. |
| Vapor Density and/or Relative Vapor Density | Not applicable. |
| Density | 1.5 g/cm3 |
| Relative density | 1.5 [Ref Std:WATER=1] |
| Water solubility | Negligible |

| Solubility- non-water | No data available. |
|--|--------------------|
| Partition coefficient: n-octanol/water | No data available. |
| Autoignition temperature | No data available. |
| Decomposition temperature | No data available. |
| Viscosity/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. |

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

Light.

10.5 Incompatible materials

Not determined

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.

Eve 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. May cause additional health effects (see below).

Additional Health Effects:

Reproductive/Developmental Toxicity:

Contains a chemical or chemicals which can cause birth defects or other reproductive harm.

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 |
| Silane Treated Ceramic | Dermal | | LD50 estimated to be > 5,000 mg/kg |
| Silane Treated Ceramic | Ingestion | | LD50 estimated to be 2,000 - 5,000 mg/kg |
| (1-methylethylidene)bis[4,1-phenyleneoxy(2-hydroxy-3,1-propanediyl)] bismethacrylate | Dermal | Professio nal judgeme nt | LD50 estimated to be > 5,000 mg/kg |
| (1-methylethylidene)bis[4,1-phenyleneoxy(2-hydroxy-3,1-propanediyl)] bismethacrylate | Ingestion | Rat | LD50 > 11,700 mg/kg |
| Reacted Polycaprolactone Polymer | Dermal | Professio nal judgeme nt | LD50 estimated to be 2,000 - 5,000 mg/kg |
| Reacted Polycaprolactone Polymer | Ingestion | similar compoun ds | LD50 estimated to be 2,000 - 5,000 mg/kg |
| Silane, trimethoxyoctyl-, hydrolysis products with silica | Dermal | Rabbit | LD50 > 5,000 mg/kg |
| Silane, trimethoxyoctyl-, hydrolysis products with silica | Inhalation- Dust/Mist (4 hours) | Rat | LC50 > 0.691 mg/l |
| Silane, trimethoxyoctyl-, hydrolysis products with silica | Ingestion | Rat | LD50 > 5,110 mg/kg |
| Ethyl 4-dimethylaminobenzoate | Dermal | Rat | LD50 > 2,000 mg/kg |
| Ethyl 4-dimethylaminobenzoate | Ingestion | Rat | LD50 > 2,000 mg/kg |
| Diphenyliodonium Hexafluorophosphate | Ingestion | Rat | LD50 32 mg/kg |

ATE = acute toxicity estimate

Skin Corrosion/Irritation

| Kiii Collosion/111tation | | | | | | |
|--|---------|---------------------------|--|--|--|--|
| Name | Species | Value | | | | |
| | | | | | | |
| Silane Treated Ceramic | similar | No significant irritation | | | | |
| | compoun | | | | | |
| | ds | | | | | |
| (1-methylethylidene)bis[4,1-phenyleneoxy(2-hydroxy-3,1-propanediyl)] | Rabbit | No significant irritation | | | | |
| bismethacrylate | | | | | | |
| Silane, trimethoxyoctyl-, hydrolysis products with silica | Rabbit | No significant irritation | | | | |
| Ethyl 4-dimethylaminobenzoate | Rabbit | No significant irritation | | | | |
| Diphenyliodonium Hexafluorophosphate | Rabbit | No significant irritation | | | | |

Serious Eye Damage/Irritation

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

| Silane Treated Ceramic | similar | Mild irritant |
|--|----------|---------------------------|
| | compoun | |
| | ds | |
| (1-methylethylidene)bis[4,1-phenyleneoxy(2-hydroxy-3,1-propanediyl)] | In vitro | No significant irritation |
| bismethacrylate | data | |
| Silane, trimethoxyoctyl-, hydrolysis products with silica | Rabbit | No significant irritation |
| Ethyl 4-dimethylaminobenzoate | Rabbit | No significant irritation |
| Diphenyliodonium Hexafluorophosphate | Rabbit | Mild irritant |

Sensitisation:

Skin Sensitisation

| Name | Species | Value |
|--|--------------------------|----------------|
| Silane Treated Ceramic | similar compoun ds | Not classified |
| (1-methylethylidene)bis[4,1-phenyleneoxy(2-hydroxy-3,1-propanediyl)] bismethacrylate | Mouse | Not classified |
| Silane, trimethoxyoctyl-, hydrolysis products with silica | Human and animal | Not classified |
| Ethyl 4-dimethylaminobenzoate | | 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 |
|--|----------|--|
| | | |
| (1-methylethylidene)bis[4,1-phenyleneoxy(2-hydroxy-3,1-propanediyl)] bismethacrylate | In Vitro | Not mutagenic |
| Silane, trimethoxyoctyl-, hydrolysis products with silica | In Vitro | Not mutagenic |
| Ethyl 4-dimethylaminobenzoate | In vivo | Not mutagenic |
| Ethyl 4-dimethylaminobenzoate | In Vitro | Some positive data exist, but the data are not sufficient for classification |
| Diphenyliodonium Hexafluorophosphate | In Vitro | Some positive data exist, but the data are not sufficient for classification |

Carcinogenicity

| Caremogenety | | | |
|---|----------------|--------------------------|--|
| Name | Route | Species | Value |
| Silane Treated Ceramic | Inhalation | similar compoun ds | Some positive data exist, but the data are not sufficient for classification |
| Silane, trimethoxyoctyl-, 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 |
|---|-----------|--|---------|-----------------------------|-------------------------|
| (1-methylethylidene)bis[4,1- phenyleneoxy(2-hydroxy-3,1-propanediyl)] bismethacrylate | Ingestion | Not classified for development | Rat | NOAEL 1,000 mg/kg/day | during gestation |
| Silane, trimethoxyoctyl-, hydrolysis products with silica | Ingestion | Not classified for female reproduction | Rat | NOAEL 509 mg/kg/day | 1 generation |
| Silane, trimethoxyoctyl-, hydrolysis products with silica | Ingestion | Not classified for male reproduction | Rat | NOAEL 497 mg/kg/day | 1 generation |
| Silane, trimethoxyoctyl-, hydrolysis products with silica | Ingestion | Not classified for development | Rat | NOAEL 1,350 mg/kg/day | during organogenesis |

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| Ethyl 4-dimethylaminobenzoate | Ingestion | Not classified for female reproduction | Rat | NOAEL 600 | premating |
|-------------------------------|-----------|--|-----|-----------|----------------|
| | | | | mg/kg/day | into lactation |
| Ethyl 4-dimethylaminobenzoate | Ingestion | Not classified for development | Rat | NOAEL 50 | premating |
| | | | | mg/kg/day | into lactation |
| Ethyl 4-dimethylaminobenzoate | Ingestion | Toxic to male reproduction | Rat | NOAEL 50 | 53 days |
| | | | | mg/kg/day | |

Target Organ(s)

Specific Target Organ Toxicity - single exposure

| * P * * * * * * * * * * * * * * * * * * | | | | | | | |
|---|------------|------------------------|----------------|-----------|-------------|----------------------|--|
| Name | Route | Target Organ(s) | Value | Species | Test result | Exposure Duration | |
| Diphenyliodonium | Inhalation | respiratory irritation | Not classified | Not | Irritation | | |
| Hexafluorophosphate | | | | available | Equivocal | | |

Specific Target Organ Toxicity - repeated exposure

| Name | Route | Target Organ(s) | Value | Species | Test result | Exposure Duration |
|---|------------|--|--|--------------------------|-----------------------------|-----------------------|
| Silane Treated Ceramic | Inhalation | pulmonary fibrosis | Not classified | similar compoun ds | NOAEL Not available | |
| (1- methylethylidene)bis[4,1- phenyleneoxy(2-hydroxy- 3,1-propanediyl)] bismethacrylate | Ingestion | endocrine system hematopoietic system liver heart skin gastrointestinal tract bone, teeth, nails, and/or hair immune system muscles nervous system eyes kidney and/or bladder respiratory system vascular system | Not classified | Rat | NOAEL 1,000 mg/kg/day | 90 days |
| Silane, trimethoxyoctyl-, hydrolysis products with silica | Inhalation | respiratory system silicosis | Not classified | Human | NOAEL Not available | occupational exposure |
| Ethyl 4- dimethylaminobenzoate | Ingestion | hematopoietic system | Some positive data exist, but the data are not sufficient for classification | Rat | NOAEL 74 mg/kg/day | 28 days |
| Ethyl 4- dimethylaminobenzoate | Ingestion | liver heart endocrine system gastrointestinal tract bone, teeth, nails, and/or hair immune system muscles nervous system eyes kidney and/or bladder respiratory system vascular system | Not classified | Rat | NOAEL 900 mg/kg/day | 28 days |

Aspiration Hazard

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

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

SECTION 12: Ecological information

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 | Туре | Exposure | Test endpoint | Test result |
|---|-------------|----------------------|--|----------|-----------------------------------|-----------------------------|
| Silane Treated Ceramic | 444758-98-9 | N/A | Data not available or insufficient for classification | N/A | N/A | N/A |
| (1- methylethylide ne)bis[4,1- phenyleneoxy(2-hydroxy-3,1- propanediyl)] bismethacrylate | 1565-94-2 | Common Carp | Analogous Compound | 96 hours | No tox obs at lmt of water sol | >100 mg/l |
| (1- methylethylide ne)bis[4,1- phenyleneoxy(2-hydroxy-3,1- propanediyl)] bismethacrylate | 1565-94-2 | Green algae | Endpoint not reached | 96 hours | EC50 | >100 mg/l |
| (1- methylethylide ne)bis[4,1- phenyleneoxy(2-hydroxy-3,1- propanediyl)] bismethacrylate | 1565-94-2 | Green algae | Experimental | 96 hours | EC10 | 1.1 mg/l |
| Silane, trimethoxyocty l-, hydrolysis products with silica | 112945-52-5 | Green algae | Analogous Compound | 72 hours | ErC50 | >173.1 mg/l |
| Silane, trimethoxyocty 1-, hydrolysis products with silica | 112945-52-5 | Sediment organism | Analogous Compound | 96 hours | EC50 | 8,500 mg/kg (Dry Weight) |
| Silane, trimethoxyocty l-, hydrolysis products with silica | 112945-52-5 | Water flea | Analogous Compound | 24 hours | EL50 | >10,000 mg/l |
| Silane, trimethoxyocty l-, hydrolysis products with silica | 112945-52-5 | Zebra Fish | Analogous Compound | 96 hours | LL50 | >10,000 mg/l |
| Silane, | 112945-52-5 | Green algae | Analogous | 72 hours | NOEC | 173.1 mg/l |

| trimethoxyocty l-, hydrolysis products with silica | | | Compound | | | |
|--|-------------|------------------|--|----------|-------|-------------|
| Silane, trimethoxyocty l-, hydrolysis products with silica | 112945-52-5 | Water flea | Analogous Compound | 21 days | NOEC | 68 mg/l |
| Silane, trimethoxyocty l-, hydrolysis products with silica | 112945-52-5 | Activated sludge | Experimental | 3 hours | EC50 | >1,000 mg/l |
| Reacted Polycaprolacto ne Polymer | None | N/A | Data not available or insufficient for classification | N/A | N/A | N/A |
| Ethyl 4- dimethylamino benzoate | 10287-53-3 | Activated sludge | Experimental | 3 hours | EC50 | >1,000 mg/l |
| Ethyl 4- dimethylamino benzoate | 10287-53-3 | Green algae | Experimental | 72 hours | EC50 | 2.8 mg/l |
| Ethyl 4- dimethylamino benzoate | 10287-53-3 | Rainbow trout | Experimental | 96 hours | LC50 | 1.9 mg/l |
| Ethyl 4- dimethylamino benzoate | 10287-53-3 | Water flea | Experimental | 48 hours | EC50 | 4.5 mg/l |
| Ethyl 4- dimethylamino benzoate | 10287-53-3 | Green algae | Experimental | 72 hours | ErC10 | 0.71 mg/l |
| Diphenyliodoni um Hexafluoropho sphate | 58109-40-3 | Water flea | Experimental | 48 hours | EC50 | 9.5 mg/l |

12.2. Persistence and degradability

| Material | CAS Number | Test type | Duration | Study Type | Test result | Protocol |
|-----------------|-------------|----------------------|----------|------------------|-----------------|----------------------|
| Silane Treated | 444758-98-9 | Data not availbl- | N/A | N/A | N/A | N/A |
| Ceramic | | insufficient | | | | |
| (1- | 1565-94-2 | Experimental | 28 days | BOD | 21 %BOD/ThO | similar to OECD 301F |
| methylethylide | | Biodegradation | | | D | |
| ne)bis[4,1- | | | | | | |
| phenyleneoxy(| | | | | | |
| 2-hydroxy-3,1- | | | | | | |
| propanediyl)] | | | | | | |
| bismethacrylate | | | | | | |
| (1- | 1565-94-2 | Experimental | | Hydrolytic | 29 days (t 1/2) | |
| methylethylide | | Hydrolysis | | half-life (pH 7) | | |
| ne)bis[4,1- | | | | | | |
| phenyleneoxy(| | | | | | |

| 2-hydroxy-3,1- propanediyl)] bismethacrylate | | | | | | |
|--|-------------|--------------------------------------|---------|---------------|--|-----------------------------------|
| Silane, trimethoxyocty l-, hydrolysis products with silica | 112945-52-5 | Data not availbl- insufficient | N/A | N/A | N/A | N/A |
| Reacted Polycaprolacto ne Polymer | None | Data not availbl- insufficient | N/A | N/A | N/A | N/A |
| Ethyl 4- dimethylamino benzoate | 10287-53-3 | Experimental Biodegradation | 28 days | CO2 evolution | 40 %CO2 evolution/THC O2 evolution | OECD 301B - Modified sturm or CO2 |
| Diphenyliodoni um Hexafluoropho sphate | 58109-40-3 | Data not availbl-insufficient | N/A | N/A | N/A | N/A |

12.3 : Bioaccumulative potential

| Material | CAS Number | Test type | Duration | Study Type | Test result | Protocol |
|---|-------------|--|----------|------------|-------------|----------|
| Silane Treated Ceramic | 444758-98-9 | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |
| (1- methylethylide ne)bis[4,1- phenyleneoxy(2-hydroxy-3,1- propanediyl)] bismethacrylate | 1565-94-2 | Experimental Bioconcentrati on | | Log Kow | 4.63 | |
| Silane, trimethoxyocty l-, hydrolysis products with silica | 112945-52-5 | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |
| Reacted Polycaprolacto ne Polymer | None | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |
| Ethyl 4- dimethylamino benzoate | 10287-53-3 | Experimental Bioconcentrati on | | Log Kow | 3.2 | |
| Diphenyliodoni um Hexafluoropho sphate | 58109-40-3 | 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

Fire extinguishers

Not required 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 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)

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 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: | 21-2032-7 | Version number: | 3.00 |
|-----------------|------------|------------------|------------|
| Issue Date: | 30/10/2022 | Supersedes date: | 27/11/2018 |

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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