



## 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

3M™ Stainless Steel Crowns

##### Product Identification Numbers

70-2004-1053-1	70-2004-1054-9	70-2004-1055-6	70-2004-1056-4	70-2004-1057-2
70-2004-1058-0	70-2004-1059-8	70-2004-1060-6	70-2004-1061-4	70-2004-1062-2
70-2004-1063-0	70-2004-1064-8	70-2004-1065-5	70-2004-1066-3	70-2004-1067-1
70-2004-1068-9	70-2004-1069-7	70-2004-1070-5	70-2004-1071-3	70-2004-1072-1
70-2004-1073-9	70-2004-1074-7	70-2004-1075-4	70-2004-1076-2	70-2004-1077-0
70-2004-1078-8	70-2004-1079-6	70-2004-1080-4	70-2004-1081-2	70-2004-1082-0
70-2004-1083-8	70-2004-1084-6	70-2004-1085-3	70-2004-1086-1	70-2004-1087-9
70-2004-1088-7	70-2004-1089-5	70-2004-1090-3	70-2004-1091-1	70-2004-1092-9
70-2004-1093-7	70-2004-1094-5	70-2004-1095-2	70-2004-1096-0	70-2004-1097-8
70-2004-1098-6	70-2004-1099-4	70-2004-1108-3	70-2004-1578-7	70-2004-1579-5
70-2004-1581-1	70-2004-1582-9	70-2004-1583-7	70-2004-1584-5	70-2004-1585-2
70-2004-1586-0	70-2004-1587-8	70-2004-1588-6	70-2004-1589-4	70-2004-1600-9
70-2004-1601-7	70-2004-5811-8	70-2004-5812-6	70-2004-5813-4	70-2004-5814-2
70-2004-5815-9	70-2004-5816-7	70-2004-5817-5	70-2004-5818-3	70-2004-5819-1
70-2004-5820-9	70-2004-5821-7	70-2004-5822-5	70-2004-5823-3	70-2004-5824-1
70-2004-5825-8	70-2004-5826-6	70-2004-5827-4	70-2004-5828-2	70-2004-5829-0
70-2004-5830-8	70-2004-5831-6	70-2004-5832-4	70-2004-5833-2	70-2004-5834-0
70-2004-5835-7	70-2004-5836-5	70-2004-5837-3	70-2004-5838-1	70-2004-5839-9
70-2004-5840-7	70-2004-5841-5	70-2004-5842-3	70-2004-5843-1	70-2004-5844-9
70-2004-5845-6	70-2004-5846-4	70-2004-5847-2	70-2004-5848-0	70-2004-5849-8
70-2004-5864-7	70-2004-5865-4	70-2004-5866-2	70-2004-5867-0	70-2004-5868-8
70-2004-5869-6	70-2004-5870-4	70-2004-5871-2	70-2004-5872-0	70-2004-5914-0
70-2004-5915-7	70-2004-5916-5	70-2004-5917-3	70-2004-5919-9	70-2004-5920-7
70-2004-5923-1	70-2004-5924-9	70-2004-5927-2	70-2004-5928-0	70-2004-5929-8
70-2004-5930-6	70-2004-5931-4	70-2004-5933-0	70-2004-5934-8	70-2004-5935-5
70-2004-5936-3	70-2004-5937-1	70-2004-6995-8	70-2004-8232-4	70-2010-0933-2
70-2010-0934-0	70-2010-0935-7	70-2010-0936-5	70-2010-0937-3	70-2010-0938-1

## 3M™ Stainless Steel Crowns

70-2010-0939-9	70-2010-0940-7	70-2010-0941-5	70-2010-0942-3	70-2010-0943-1
70-2010-0944-9	70-2010-0945-6	70-2010-0946-4	70-2010-0947-2	70-2010-0948-0
70-2010-0949-8	70-2010-0950-6	70-2010-0951-4	70-2010-0952-2	70-2010-0953-0
70-2010-0954-8	70-2010-0955-5	70-2010-0956-3	70-2010-0957-1	70-2010-0958-9
70-2010-0959-7	70-2010-0960-5	70-2010-0961-3	70-2010-0962-1	70-2010-0963-9
70-2010-0964-7	70-2010-0965-4	70-2010-0966-2	70-2010-0967-0	70-2010-0968-8
70-2010-0969-6	70-2010-0970-4	70-2010-0971-2	70-2010-0972-0	70-2010-0973-8
70-2010-0974-6	70-2010-0975-3	70-2010-0976-1	70-2010-0977-9	70-2010-0978-7
70-2010-0979-5	70-2010-0980-3	70-2010-2754-0	70-2010-2755-7	70-2010-2770-6
70-2010-2771-4	70-2010-2772-2	70-2010-2773-0	70-2010-2774-8	70-2010-2775-5
70-2010-2776-3	70-2010-2777-1	70-2010-2778-9	70-2010-2779-7	70-2010-2780-5
70-2010-2781-3	70-2010-2782-1	70-2010-2783-9	70-2010-2784-7	70-2010-2785-4
70-2010-2786-2	70-2010-2787-0	70-2010-2788-8	70-2010-2789-6	70-2010-2790-4
70-2010-2791-2	70-2010-2792-0	70-2010-2793-8	70-2010-2794-6	70-2010-2795-3
70-2010-2796-1	70-2010-2797-9	70-2010-2798-7	70-2010-2799-5	70-2010-2800-1
70-2010-2801-9	70-2010-2802-7	70-2010-2803-5	70-2010-2804-3	70-2010-2805-0
70-2010-2806-8	70-2010-2807-6	70-2010-2808-4	70-2010-2809-2	70-2010-2810-0
70-2010-2811-8	70-2010-2812-6	70-2010-2813-4	70-2010-2814-2	70-2010-2815-9
70-2010-2816-7	70-2010-2817-5			

### 1.2. Recommended use and restrictions on use

#### Recommended use

Dental Product, Dental crowns

#### 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

Not classified as hazardous in accordance with the relevant criteria of the HSNO Act 1996, the Hazardous Substances (Classification) Notice 2017 and Hazardous Substances (Minimum Degrees of Hazard) Notice 2017. This product is considered to be an article which does not release or otherwise result in exposure to a hazardous chemical under normal use conditions.

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

### 2.1. Classification of the substance or mixture

GHS	HSNO
Not classified as hazardous.	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
Stainless steel	12597-68-1	100

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### Inhalation

No need for first aid is anticipated.

#### 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

No need for first aid is anticipated.

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

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

Material will not burn. Use a fire fighting agent suitable for the surrounding fire.

### 5.2. Special hazards arising from the substance or mixture

None inherent in this product.

### Hazardous Decomposition or By-Products

#### Substance

None known.

#### Condition

During combustion.

### 5.3. Special protective actions for fire-fighters

No special protective actions for fire-fighters are anticipated.

### 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.

**6.2. Environmental precautions**

Avoid release to the environment.

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

Sweep up.

**SECTION 7: Handling and storage**

Refer to Section 15 - Controls for more information

**7.1. Precautions for safe handling**

A no-touch technique is recommended. If skin contact occurs, wash skin with soap and water. Acrylates may penetrate commonly-used gloves. If product contacts glove, remove and discard glove, wash hands immediately with soap and water and then re-glove.

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

Not applicable.

**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**

Eye protection not required. 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**

Respiratory protection is not required.

**SECTION 9: Physical and chemical properties**

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

<b>Physical state</b>	Solid.
<b>Colour</b>	Metallic Silver
<b>Odour</b>	Slight Odour, Characteristic Odour
<b>Odour threshold</b>	<i>Not applicable.</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>	<i>Not applicable.</i>
<b>Evaporation rate</b>	<i>Not applicable.</i>
<b>Flammability (solid, gas)</b>	Not classified
<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>Vapor Density and/or Relative Vapor Density</b>	<i>Not applicable.</i>
<b>Density</b>	<i>Not applicable.</i>
<b>Relative density</b>	<i>Not applicable.</i>
<b>Water solubility</b>	Nil
<b>Solubility- non-water</b>	<i>Not applicable.</i>
<b>Partition coefficient: n-octanol/water</b>	<i>Not applicable.</i>
<b>Autoignition temperature</b>	<i>Not applicable.</i>
<b>Decomposition temperature</b>	<i>Not applicable.</i>
<b>Viscosity/Kinematic Viscosity</b>	<i>Not applicable.</i>
<b>Volatile organic compounds (VOC)</b>	<i>Not applicable.</i>
<b>Percent volatile</b>	<i>Not applicable.</i>
<b>VOC less H2O &amp; exempt solvents</b>	<i>Not applicable.</i>
<b>Molecular weight</b>	<i>No data available.</i>

**Nanoparticles**

This material does not contain nanoparticles.

**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.

Under recommended usage conditions, hazardous decomposition products are not expected. Hazardous decomposition products may occur as a result of oxidation, heating, or reaction with another material.

## 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 known health effects.

#### 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

No known health effects.

#### 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

ATE = acute toxicity estimate

#### Skin Corrosion/Irritation

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

#### Serious Eye Damage/Irritation

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

#### Sensitisation:

##### Skin Sensitisation

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

##### Respiratory Sensitisation

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

#### Germ Cell Mutagenicity

## 3M™ Stainless Steel Crowns

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

### **Carcinogenicity**

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

### **Reproductive Toxicity**

### **Reproductive and/or Developmental Effects**

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

### **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**

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

### **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
Stainless steel	12597-68-1		Data not available or insufficient for classification			

### 12.2. Persistence and degradability

Material	CAS Number	Test type	Duration	Study Type	Test result	Protocol
Stainless steel	12597-68-1	Data not available or insufficient			N/A	

### 12.3 : Bioaccumulative potential

Material	CAS Number	Test type	Duration	Study Type	Test result	Protocol
Stainless steel	12597-68-1	Data not available or insufficient for	N/A	N/A	N/A	N/A

3M™ Stainless Steel Crowns

		classification				
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#### 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.

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

This product is an article as defined by HSNO regulations, and is exempt from NZIoC listing requirements.



**Controls in accordance with the Health and Safety at Work (Hazardous Substances) Regulations 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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**Key to abbreviations and acronyms****GHS** means the Globally Harmonised System of Classification and Labelling of Chemicals, 5th revised edition 2013**HSNO** means Hazardous Substances and New Organisms Act 1996

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