

# **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

Filtek<sup>TM</sup> Bulk Fill Flowable Restorative

## **Product Identification Numbers**

70-2014-0829-4 70-2014-0830-2 70-2014-0831-0 70-2014-0832-8 70-2014-0869-0

### 1.2. Recommended use and restrictions on use

## Recommended use

Dental Product, Bulk fill flowable restorative

For use only by dental professionals.

#### **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, the Hazardous Substances (Classification) Notice 2017 and Hazardous Substances (Minimum Degrees of Hazard) Notice 2017. Refer to Section 14 of this Safety Data Sheet for product Dangerous Goods Classification.

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

GHS	HSNO

Acute Toxicity (oral): Category	6.1E Acute toxicity (oral)
5	
Skin Sensitiser: Category 1	6.5B Skin sensitiser
Chronic Aquatic Toxicity:	9.1D Aquatic toxicity (chronic)
Category 4	

# 2.2. Label elements SIGNAL WORD

WARNING!

### **Symbols:**

Exclamation mark |

## **Pictograms**



#### **HAZARD STATEMENTS:**

H303 May be harmful if swallowed. H317 May cause an allergic skin reaction.

H413 May cause long lasting harmful effects to aquatic life.

### PRECAUTIONARY STATEMENTS

**Prevention:** 

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P280E Wear protective gloves.

P272A Contaminated work clothing must not be allowed out of the workplace.

**Response:** 

P302 + P352IF ON SKIN: Wash with plenty of soap and water.

If skin irritation or rash occurs: Get medical advice/attention. P333 + P313 P362 + P364Take off contaminated clothing and wash it before reuse. Specific treatment (see Notes to Physician on this label). P321

Call a POISON CENTRE or doctor/physician if you feel unwell. P312

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	50 - 60
Diurethane Dimethacrylate (UDMA)	72869-86-4	10 - 20
Substituted Dimethacrylate	27689-12-9	10 - 20
Ytterbium Fluoride (YbF3)	13760-80-0	1 - 10
Bisphenol A Diglycidyl Ether Dimethacrylate	1565-94-2	1 - 5
Bisphenol A Polyethylene Glycol Diether Dimethacrylate (polymer)	41637-38-1	1 - 5
Triethylene Glycol Dimethacrylate	109-16-0	< 1

# **SECTION 4: First aid measures**

### 4.1. Description of first aid measures

#### Inhalation

Remove person to fresh air. If you feel unwell, get medical attention.

#### Skin contact

Immediately wash with soap and water. Remove contaminated clothing and wash before reuse. If signs/symptoms develop, get medical attention.

## Eye contact

Flush with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. If signs/symptoms persist, get medical attention.

#### If swallowed

Rinse mouth. If you feel unwell, get medical attention.

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

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. During combustion. Carbon dioxide. 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.

Condition

**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. 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.

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

Contain spill. Collect as much of the spilled material as possible. Place in a closed container approved for transportation by appropriate authorities. Clean up residue with an appropriate solvent selected by a qualified and authorised person. Ventilate the area with fresh air. Read and follow safety precautions on the solvent label and Safety Data Sheet. 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

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. Avoid breathing dust/fume/gas/mist/vapours/spray. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wash contaminated clothing before reuse. Avoid contact with oxidising agents (eg. chlorine, chromic acid etc.) Do not get in eyes.

## 7.2. Conditions for safe storage including any incompatibilities

Store away from heat. Store away from oxidising agents.

## 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	<b>Additional comments</b>
Fluorides	13760-80-0	ACGIH	TWA(as F):2.5 mg/m3	A4: Not class. as human
	127 (0.00.0		TYY 1 ( T) (0 1 ) 2 7	carcinogin

Fluorides 13760-80-0 New Zealand TWA(as F)(8 hours): 2.5 WES mg/m3

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

### Filtek<sup>TM</sup> Bulk Fill Flowable Restorative

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 Liquid.

**Specific Physical Form:** Viscous liquid-like paste

**Colour** Tooth

OdourSlight AcrylateOdour thresholdNo data available.pHNot applicable.Melting point/Freezing pointNo data available.Boiling point/Initial boiling point/Boiling rangeNot applicable.

Flash point > 93 °C (200 °F)

Evaporation rate

Flammability (solid, gas)

Flammable Limits(LEL)

Flammable Limits(UEL)

Vapour pressure

Vapor Density and/or Relative Vapor Density

No data available.

Not applicable.

Not applicable.

Not applicable.

Not applicable.

**Density** 1.5 g/cm<sup>3</sup>

**Relative density** 1.5 [Ref Std:WATER=1]

Water solubility Negligible

**Solubility- non-water** *No data available.* 

Partition coefficient: n-octanol/waterNo data available.Autoignition temperatureNo data available.Decomposition temperatureNo data available.Viscosity/Kinematic ViscosityNo data available.Volatile organic compounds (VOC)No data available.

Percent volatile

VOC less H2O & exempt solvents

Molecular weight No data available.

## **Nanoparticles**

This material contains nanoparticles.

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# **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

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. Allergic skin reaction (non-photo induced): Signs/symptoms may include redness, swelling, blistering, and itching.

## 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.

## **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 ATE2,000 - 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
Substituted Dimethacrylate	Dermal	Professio nal judgeme nt	LD50 estimated to be > 5,000 mg/kg
Substituted Dimethacrylate	Ingestion	Rat	LD50 > 17,600 mg/kg
Diurethane Dimethacrylate (UDMA)	Dermal	Professio nal judgeme nt	LD50 estimated to be > 5,000 mg/kg
Diurethane Dimethacrylate (UDMA)	Ingestion	Rat	LD50 > 5,000 mg/kg
Ytterbium Fluoride (YbF3)	Dermal	Professio nal judgeme nt	LD50 estimated to be > 5,000 mg/kg
Ytterbium Fluoride (YbF3)	Ingestion	Rat	LD50 > 5,000 mg/kg
Bisphenol A Diglycidyl Ether Dimethacrylate	Dermal	Professio nal judgeme nt	LD50 estimated to be > 5,000 mg/kg
Bisphenol A Diglycidyl Ether Dimethacrylate	Ingestion	Rat	LD50 > 11,700 mg/kg
Bisphenol A Polyethylene Glycol Diether Dimethacrylate (polymer)	Dermal	Rat	LD50 > 2,000 mg/kg
Bisphenol A Polyethylene Glycol Diether Dimethacrylate (polymer)	Ingestion	Rat	LD50 > 35,000 mg/kg
Triethylene Glycol Dimethacrylate	Dermal	Professio nal judgeme nt	LD50 estimated to be > 5,000 mg/kg
Triethylene Glycol Dimethacrylate	Ingestion	Rat	LD50 10,837 mg/kg

ATE = acute toxicity estimate

# **Skin Corrosion/Irritation**

Name	Species	Value
Silane Treated Ceramic	similar	No significant irritation
	compoun	
	ds	
Substituted Dimethacrylate	Rabbit	No significant irritation
Bisphenol A Diglycidyl Ether Dimethacrylate	Rabbit	No significant irritation
Bisphenol A Polyethylene Glycol Diether Dimethacrylate (polymer)	Rabbit	Minimal irritation
Triethylene Glycol Dimethacrylate	Guinea	Mild irritant
	pig	

**Serious Eye Damage/Irritation** 

Name	Species	Value		
Silane Treated Ceramic	similar compoun ds	Mild irritant		
Substituted Dimethacrylate	Rabbit	Mild irritant		
Ytterbium Fluoride (YbF3)	Professio	Mild irritant		
	nal			
	judgemen			
	t			
Bisphenol A Diglycidyl Ether Dimethacrylate	In vitro	No significant irritation		
•	data			
Bisphenol A Polyethylene Glycol Diether Dimethacrylate (polymer)	Rabbit	No significant irritation		

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Triethylene Glycol Dimethacrylate	Professio	Moderate irritant
	nal	
	judgemen	
	t	

## **Sensitisation:**

#### **Skin Sensitisation**

Name	Species	Value
Silane Treated Ceramic	similar	Not classified
	compoun	
	ds	
Substituted Dimethacrylate	Guinea	Not classified
	pig	
Diurethane Dimethacrylate (UDMA)	Guinea	Sensitising
	pig	
Bisphenol A Diglycidyl Ether Dimethacrylate	Mouse	Not classified
Bisphenol A Polyethylene Glycol Diether Dimethacrylate (polymer)	Guinea	Not classified
	pig	
Triethylene Glycol Dimethacrylate	Human	Sensitising
	and	
	animal	

## **Respiratory Sensitisation**

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

Carm Call Mutaganicity

Germ Cen Mutagementy				
Name	Route	Value		
Substituted Dimethacrylate	In Vitro	Not mutagenic		
Bisphenol A Diglycidyl Ether Dimethacrylate	In Vitro	Not mutagenic		
Bisphenol A Polyethylene Glycol Diether Dimethacrylate (polymer)	In Vitro	Not mutagenic		
Triethylene Glycol Dimethacrylate	In Vitro	Some positive data exist, but the data are not		
		sufficient for classification		

Carcinogenicity

8 2			
Name	Route	Species	Value
Silane Treated Ceramic	Inhalation	similar compoun ds	Some positive data exist, but the data are not sufficient for classification
Triethylene Glycol Dimethacrylate	Dermal	Mouse	Not carcinogenic

## **Reproductive Toxicity**

Reproductive and/or Developmental Effects

Name	Route	Value	Species	Test result	Exposure Duration
Bisphenol A Diglycidyl Ether Dimethacrylate	Ingestion	Not classified for development	Rat	NOAEL 1,000 mg/kg/day	during gestation
Triethylene Glycol Dimethacrylate	Ingestion	Not classified for female reproduction	Mouse	NOAEL 1 mg/kg/day	1 generation
Triethylene Glycol Dimethacrylate	Ingestion	Not classified for male reproduction	Mouse	NOAEL 1 mg/kg/day	1 generation
Triethylene Glycol Dimethacrylate	Ingestion	Not classified for development	Mouse	NOAEL 1 mg/kg/day	1 generation

# Target Organ(s)

# **Specific Target Organ Toxicity - single exposure**

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

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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	
Bisphenol A Diglycidyl Ether Dimethacrylate	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
Triethylene Glycol	Dermal	kidney and/or	Not classified	Mouse	NOAEL 833	78 weeks
Dimethacrylate		bladder   blood			mg/kg/day	

#### **Aspiration Hazard**

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

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

# **SECTION 12: Ecological information**

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.

Chronic Aquatic Toxicity: Category 4 (HSNO 9.1D Aquatic toxicity)

No product test data available.

Material	CAS Number	Organism	Type	Exposure	Test endpoint	Test result
Silane Treated	444758-98-9		Data not			
Ceramic			available or			
			insufficient for			
			classification			
Diurethane	72869-86-4	Water flea	Experimental	48 hours	EC50	>100 mg/l
Dimethacrylate						
(UDMA)						
Diurethane	72869-86-4	Zebra Fish	Experimental	96 hours	LC50	10.1 mg/l
Dimethacrylate						
(UDMA)						
Diurethane	72869-86-4	Green algae	Endpoint not	72 hours	Effect Growth	>100 mg/l
Dimethacrylate			reached		Rate Conc 50%	
(UDMA)						
Diurethane	72869-86-4	Green algae	Endpoint not	72 hours	Effect Conc.	>100 mg/l

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Dimathaamilata			man ala ad		100/ Cassisth	
Dimethacrylate (UDMA)			reached		10% - Growth Rate	
Substituted	27689-12-9	Green algae	Experimental	72 hours	EC50	>100 mg/l
Dimethacrylate	2/089-12-9	Green algae	Experimental	/2 nours	ECSU	>100 Hig/1
Substituted	27689-12-9	Water flea	Experimental	48 hours	EC50	>100 mg/l
Dimethacrylate	2/089-12-9	water flea	Experimental	46 Hours	ECSU	>100 Hig/1
Substituted	27689-12-9	Green algae	Experimental	72 hours	NOEC	>100 mg/l
	2/089-12-9	Green algae	Experimental	/2 nours	NOEC	>100 Hig/1
Dimethacrylate Ytterbium	13760-80-0	Water flea	Experimental	48 hours	No tox obs at	>100 mg/l
Fluoride	13/00-00-0	water frea	Experimental	46 110018	lmt of water sol	_
(YbF3)					iiii oi watei soi	
Bisphenol A	1565-94-2	Water flea	Endpoint not	48 hours		>100 mg/l
Diglycidyl	1303-74-2	vv ater rica	reached	40 Hours		>100 mg/1
Ether			reaction			
Dimethacrylate						
Bisphenol A	1565-94-2	Green Algae	Endpoint not	96 hours		>100 mg/l
Diglycidyl	1303 7 1 2	Green rugue	reached	Jo nours		> 100 mg/1
Ether			reactica			
Dimethacrylate						
Bisphenol A	1565-94-2	Common Carp	Estimated	96 hours	No tox obs at	>100 mg/l
Diglycidyl		1			lmt of water sol	8
Ether						
Dimethacrylate						
Bisphenol A	1565-94-2	Green Algae	Experimental	96 hours	Effect	1.1 mg/l
Diglycidyl			1		Concentration	
Ether					10%	
Dimethacrylate						
Bisphenol A	41637-38-1	Water flea	Estimated	48 hours	Effect Level	>100 mg/l
Polyethylene					50%	
Glycol Diether						
Dimethacrylate						
(polymer)						
Bisphenol A	41637-38-1	Green Algae	Estimated	72 hours	Effect Level	>100 mg/l
Polyethylene					50%	
Glycol Diether						
Dimethacrylate						
(polymer)						400 #
Bisphenol A	41637-38-1	Zebra Fish	Estimated	96 hours	Lethal Level	>100 mg/l
Polyethylene					50%	
Glycol Diether						
Dimethacrylate						
(polymer) Triethylene	109-16-0	Green Algae	Experimental	72 hours	EC50	>100 mg/l
Glycol	109-10-0	Green Argae	Experimentar	/2 Hours	ECSU	>100 Hig/1
Dimethacrylate						
Triethylene	109-16-0	Zebra Fish	Experimental	96 hours	LC50	16.4 mg/l
Glycol	107-10-0	Zeora i isii	Experimentar	70 Hours	LC30	10.4 mg/1
Dimethacrylate						
Triethylene	109-16-0	Water flea	Experimental	21 days	NOEC	32 mg/l
Glycol	107 10 0	, atter rica	Zapormionui	21 00,5	TOLO	52 mg/1
Dimethacrylate						
Triethylene	109-16-0	Green algae	Experimental	72 hours	NOEC	18.6 mg/l
Glycol		angue			- 020	
Dimethacrylate						
	<u> </u>	1	1	l .	I	<u>.                                    </u>

# 12.2. Persistence and degradability

Material	CAS Number	Test type	Duration	Study Type	Test result	Protocol
Silane Treated Ceramic	444758-98-9	Data not availbl- insufficient			N/A	
Diurethane Dimethacrylate (UDMA)	72869-86-4	Experimental Biodegradation	28 days	CO2 evolution	22 %CO2 evolution/THC O2 evolution (does not pass 10-day window)	OECD 301B - Modified sturm or CO2
Substituted Dimethacrylate	27689-12-9	Experimental Biodegradation	28 days	CO2 evolution	7-12 % weight	OECD 301B - Modified sturm or CO2
Ytterbium Fluoride (YbF3)	13760-80-0	Data not availbl- insufficient			N/A	
Bisphenol A Diglycidyl Ether Dimethacrylate	1565-94-2	Experimental Biodegradation	28 days	BOD	21 % BOD/ThBOD	similar to OECD 301F
Bisphenol A Polyethylene Glycol Diether Dimethacrylate (polymer)	41637-38-1	Experimental Biodegradation	28 days	Percent degraded	24 % degraded	Other methods
Triethylene Glycol Dimethacrylate	109-16-0	Experimental Biodegradation	28 days	CO2 evolution	85 % weight	OECD 301B - Modified sturm or CO2

# 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
Diurethane Dimethacrylate (UDMA)	72869-86-4	Experimental Bioconcentrati on		Log Kow	3.39	Other methods
Substituted Dimethacrylate	27689-12-9	Estimated Bioconcentrati on		Log Kow	7.61	Estimated: Octanol- water partition coefficient
Ytterbium Fluoride (YbF3)	13760-80-0	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Bisphenol A Diglycidyl Ether Dimethacrylate	1565-94-2	Experimental Bioconcentrati on		Log Kow	4.63	Other methods
Bisphenol A Polyethylene Glycol Diether Dimethacrylate	41637-38-1	Estimated Bioconcentrati on		Bioaccumulatio n factor	6.6	Other methods

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(polymer)					
Triethylene	109-16-0	Experimental	Log Kow	2.3	Other methods
Glycol		Bioconcentrati			
Dimethacrylate		on			

### 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 2017

HSNO Hazard classification Refer to Section 2: Hazard identification

# NZ Inventory of Chemicals (NZIoC) Status

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 100 L or 100 kg (for a HSNO 9.1A substance); or 1,000 L or 1,000 kg (for a

HSNO 6.1D, 6.5A, 6.5B, 9.1B or 9.1C substance); or 10,000 L or 10,000 kg

(for a HSNO 6.6A, 6.8A, 6.9A, 8.3A, 9.1D substance)

Secondary containment 100 L or 100 kg (for a HSNO 9.1A substance); or 1,000 L or 1,000 kg (for a

HSNO 6.1D, 6.5A, 6.5B, 9.1B or 9.1C substance); or 10,000 L or 10,000 kg

(for a HSNO 6.6A, 6.8A, 6.9A, 8.3A, 9.1D substance)

Tracking Not required

Warning signage 100 L or 100 kg (for a HSNO 9.1A substance); or 1,000 L or 1,000 kg (for a

HSNO 8.3A, 9.1B or 9.1C substance); or 10,000 L or 10,000 kg (for a HSNO

6.1D or 9.1D substance)

# **SECTION 16: Other information**

#### **Revision information:**

Initial issue.

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Issue Date:	20/09/2020	Supersedes date:	20/09/2020

## 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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