



## 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™ Cavity Wax Plus, PN 08852

#### Product Identification Numbers

60-4550-8544-3

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

##### Recommended use

Automotive. Corrosion Preventative Coating

For Industrial or Professional use only

#### 1.3. Supplier's details

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

#### **DISTRIBUTOR:**

RA Johnstone & Co Ltd  
 33 Ha Crescent, Wiri, Auckland 2104  
 09 25000 90  
 sales@raj.co.nz  
 www.raj.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
Flammable Aerosol: Category 2	2.1.2A Flammable Aerosol
Acute Toxicity (inhalation): Category 5	6.1E Acute toxicity (inhalation)
Skin Corrosion/Irritation: Category 3	6.3B Irritating to the skin
Specific Target Organ Toxicity (single exposure):	6.9A Toxic to human target organs/systems

Category 1	
Specific Target Organ Toxicity (repeated exposure): Category 1	6.9A Toxic to human target organs/systems
Specific Target Organ Toxicity (single exposure): Category 3	6.9B Narcotic effects

## 2.2. Label elements

### SIGNAL WORD

DANGER!

### Symbols:

Flame | Exclamation mark | Health Hazard |

### Pictograms



### HAZARD STATEMENTS:

H280	Contains gas under pressure; may explode if heated.
H223	Flammable aerosol.
H229	Pressurized container: may burst if heated.
H333	May be harmful if inhaled.
H316	Causes mild skin irritation.
H336	May cause drowsiness or dizziness.
H370	Causes damage to organs: cardiovascular system
H372	Causes damage to organs through prolonged or repeated exposure: respiratory system

### PRECAUTIONARY STATEMENTS

#### Prevention:

P210A	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211	Do not spray on an open flame or other ignition source.
P251A	Pressurized container: Do not pierce or burn, even after use.
P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P271	Use only outdoors or in a well-ventilated area.
P270	Do not eat, drink or smoke when using this product.
P264B	Wash exposed skin thoroughly after handling.

#### Response:

P304 + P312	IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.
P304 + P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P332 + P313	If skin irritation occurs: Get medical advice/attention.
P321	Specific treatment (see Notes to Physician on this label).
P312	Call a POISON CENTRE or doctor/physician if you feel unwell.
P314	Get medical advice/attention if you feel unwell.

P308 + P311 IF exposed or concerned: Call a POISON CENTER or doctor/physician.

**Storage:**

P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50oC.  
P403 + P233 Store in a well-ventilated place. Keep container tightly closed.  
P405 Store locked up.  
P410 + P403 Protect from sunlight. Store in a well-ventilated place.

**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
Propane	74-98-6	10 - 30
Corrosion inhibitor	Trade Secret	5 - 10
Isobutane	75-28-5	3 - 7
Wax	64742-61-6	3 - 7
Hydrotreated heavy naphthenic petroleum distillates	64742-52-5	1 - 5
Talc	14807-96-6	1 - 5
Filler	Trade Secret	1 - 5

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

Remove 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**

See Section 11.1 Information on toxicological effects

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

Exposure may increase myocardial irritability. Do not administer sympathomimetic drugs unless absolutely necessary.

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

Use a fire fighting agent suitable for the surrounding fire.

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

Closed containers exposed to heat from fire may build pressure and explode.

### Hazardous Decomposition or By-Products

<u>Substance</u>	<u>Condition</u>
Carbon monoxide.	During combustion.
Carbon dioxide.	During combustion.

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

Water may not effectively extinguish fire; however, it should be used to keep fire-exposed containers and surfaces cool and prevent explosive rupture.

5.4. Hazchem code: 2YE

## SECTION 6: Accidental release measures

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

Evacuate area. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Use only non-sparking tools. 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. Warning! A motor could be an ignition source and could cause flammable gases or vapors in the spill area to burn or explode. 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. For larger spills, cover drains and build dykes to prevent entry into sewer systems or bodies of water.

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

If possible, seal leaking container. Place leaking containers in a well-ventilated area, preferably an operating exhaust hood, or if necessary outdoors on an impermeable surface until appropriate packaging for the leaking container or its contents is available. Contain spill. Cover spill area with a fire-extinguishing foam. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Remember, adding an absorbent material does not remove a physical, health, or environmental hazard. Collect as much of the spilled material as possible using non-sparking tools. Place in a metal 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

Keep out of reach of children. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Do not breathe dust/fume/gas/mist/vapours/spray. Do not get in eyes, on skin, or on clothing. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Avoid contact with oxidising agents (eg. chlorine, chromic acid etc.) Do not use in a confined area with minimal air exchange.

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

Store in a well-ventilated place. Keep container tightly closed. Protect from sunlight. Do not expose to temperatures exceeding 50C/122F. Store away from heat. Store away from acids. 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	Additional comments
Talc	14807-96-6	ACGIH	TWA(respirable fraction):2 mg/m <sup>3</sup>	A4: Not class. as human carcinogin
Talc	14807-96-6	New Zealand WES	TWA(as respirable dust)(8 hours):2 mg/m <sup>3</sup>	
Paraffin oil	64742-52-5	New Zealand WES	TWA(as mist)(8 hours):5 mg/m <sup>3</sup> ;STEL(as mist)(15 minutes):10 mg/m <sup>3</sup>	
Propane	74-98-6	ACGIH	Limit value not established:	asphyxiant
Propane	74-98-6	New Zealand WES	Limit value not established:	Explosion hazard - asphyxiant
Isobutane	75-28-5	ACGIH	STEL:1000 ppm	
Natural gas	75-28-5	ACGIH	Limit value not established:	asphyxiant
Filler	Trade Secret	New Zealand WES	TWA(8 hours):10 mg/m <sup>3</sup>	

ACGIH : American Conference of Governmental Industrial Hygienists

AIHA : American Industrial Hygiene Association

CMRG : Chemical Manufacturer's Recommended Guidelines

New Zealand WES : New Zealand Workplace Exposure Standards.

TWA: Time-Weighted-Average

STEL: Short Term Exposure Limit

ppm: parts per million

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

CEIL: Ceiling

### 8.2. Exposure controls

#### 8.2.1. Engineering controls

Do not remain in area where available oxygen may be reduced. Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below relevant Exposure Limits and/or control dust/fume/gas/mist/vapours/spray. If ventilation is not adequate, use respiratory protection equipment.

#### 8.2.2. Personal protective equipment (PPE)

##### Eye/face protection

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:

Full face shield.

Indirect vented goggles.

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

##### Skin/hand protection

Select and use gloves and/or protective clothing approved to relevant local standards to prevent skin contact based on the results of an exposure assessment. Selection should be based on use factors such as exposure levels, concentration of the substance or mixture, frequency and duration, physical challenges such as temperature extremes, and other use conditions. Consult with your glove and/or protective clothing manufacturer for selection of appropriate compatible gloves/protective clothing. Note: Nitrile gloves may be worn over polymer laminate gloves to improve dexterity.

Gloves made from the following material(s) are recommended: Polymer laminate

When only incidental contact is anticipated, alternative glove material(s) may be used. If contact with the glove does occur, remove immediately and replace with a set of new gloves. For incidental contact, gloves made of the following material(s) may be used: Nitrile rubber.

### Respiratory protection

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

Half facepiece or full facepiece supplied-air respirator.

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

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

## SECTION 9: Physical and chemical properties

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

<b>Physical state</b>	Liquid.
<b>Specific Physical Form:</b>	Aerosol
<b>Colour</b>	Tan
<b>Odour</b>	Solvent
<b>Odour threshold</b>	<i>No data available.</i>
<b>pH</b>	7 - 9
<b>Melting point/Freezing point</b>	<i>No data available.</i>
<b>Boiling point/Initial boiling point/Boiling range</b>	148.9 °C
<b>Flash point</b>	-45.6 °C [ <i>Details:</i> (based on propellant)]
<b>Evaporation rate</b>	<i>No data available.</i>
<b>Flammability (solid, gas)</b>	Not applicable.
<b>Flammable Limits(LEL)</b>	<i>No data available.</i>
<b>Flammable Limits(UEL)</b>	<i>No data available.</i>
<b>Vapour pressure</b>	<i>No data available.</i>
<b>Vapor Density and/or Relative Vapor Density</b>	4.7 [ <i>Ref Std:</i> AIR=1]
<b>Density</b>	0.9 kg/l
<b>Relative density</b>	0.95 [ <i>Ref Std:</i> WATER=1]
<b>Water solubility</b>	Slight (less than 10%)
<b>Solubility- non-water</b>	<i>No data available.</i>
<b>Partition coefficient: n-octanol/water</b>	<i>No data available.</i>
<b>Autoignition temperature</b>	<i>No data available.</i>
<b>Decomposition temperature</b>	<i>No data available.</i>
<b>Viscosity/Kinematic Viscosity</b>	1,000 - 2,000 mPa-s
<b>Volatile organic compounds (VOC)</b>	73.6 % weight
<b>Volatile organic compounds (VOC)</b>	697 g/l [ <i>Test Method:</i> calculated SCAQMD rule 443.1]
<b>Percent volatile</b>	73.9 % weight
<b>VOC less H2O &amp; exempt solvents</b>	699 g/l [ <i>Test Method:</i> calculated SCAQMD rule 443.1]
<b>Molecular weight</b>	<i>Not applicable.</i>

### Nanoparticles

This material does not contain nanoparticles.

## 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.

Sparks and/or flames.

### 10.5 Incompatible materials

Not determined

### 10.6 Hazardous decomposition products

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

May be harmful if inhaled. Simple asphyxiation: Signs/symptoms may include increased heart rate, rapid respirations, drowsiness, headache, incoordination, altered judgement, nausea, vomiting, lethargy, seizures, coma, and may be fatal. Respiratory tract irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain. May cause additional health effects (see below).

#### Skin contact

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

#### Eye contact

Sprayed material may cause eye irritation: Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.

#### Ingestion

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

May cause additional health effects (see below).

#### Additional Health Effects:

##### Single exposure may cause target organ effects:

Central nervous system (CNS) depression: Signs/symptoms may include headache, dizziness, drowsiness, incoordination, nausea, slowed reaction time, slurred speech, giddiness, and unconsciousness. Cardiac sensitisation: Signs/symptoms may include irregular heartbeat (arrhythmia), faintness, chest pain, and may be fatal.

##### Prolonged or repeated exposure may cause target organ effects:

Pneumoconiosis: Sign/symptoms may include persistent cough, breathlessness, chest pain, increased amounts of sputum, and changes in lung function tests.

#### 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	Inhalation-Vapor(4 hr)		No data available; calculated ATE <sub>20</sub> - 50 mg/l
Overall product	Ingestion		No data available; calculated ATE >5,000 mg/kg
Propane	Inhalation-Gas (4 hours)	Rat	LC <sub>50</sub> > 200,000 ppm
Isobutane	Inhalation-Gas (4 hours)	Rat	LC <sub>50</sub> 276,000 ppm
Corrosion inhibitor	Dermal	Rabbit	LD <sub>50</sub> > 2,400 mg/kg
Corrosion inhibitor	Ingestion	Rat	LD <sub>50</sub> > 12,000 mg/kg
Filler	Dermal	Rat	LD <sub>50</sub> > 2,000 mg/kg
Filler	Inhalation-Dust/Mist (4 hours)	Rat	LC <sub>50</sub> 3 mg/l
Filler	Ingestion	Rat	LD <sub>50</sub> 6,450 mg/kg
Talc	Dermal		LD <sub>50</sub> estimated to be > 5,000 mg/kg
Talc	Ingestion		LD <sub>50</sub> estimated to be > 5,000 mg/kg
Hydrotreated heavy naphthenic petroleum distillates	Dermal	Rabbit	LD <sub>50</sub> > 2,000 mg/kg
Hydrotreated heavy naphthenic petroleum distillates	Ingestion	Rat	LD <sub>50</sub> > 5,000 mg/kg

ATE = acute toxicity estimate

#### Skin Corrosion/Irritation

Name	Species	Value
Propane	Rabbit	Minimal irritation
Isobutane	Professional judgement	No significant irritation
Filler	Rabbit	No significant irritation
Talc	Rabbit	No significant irritation
Hydrotreated heavy naphthenic petroleum distillates	Rabbit	Minimal irritation

#### Serious Eye Damage/Irritation

Name	Species	Value
Propane	Rabbit	Mild irritant
Isobutane	Professional judgement	No significant irritation
Filler	Rabbit	No significant irritation



**3M™ Cavity Wax Plus, PN 08852**

Talc	Rabbit	No significant irritation
Hydrotreated heavy naphthenic petroleum distillates	Rabbit	Mild irritant

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

Name	Species	Value
Hydrotreated heavy naphthenic petroleum distillates	Guinea pig	Not classified

**Respiratory Sensitisation**

Name	Species	Value
Talc	Human	Not classified

**Germ Cell Mutagenicity**

Name	Route	Value
Propane	In Vitro	Not mutagenic
Isobutane	In Vitro	Not mutagenic
Talc	In Vitro	Not mutagenic
Talc	In vivo	Not mutagenic

**Carcinogenicity**

Name	Route	Species	Value
Talc	Inhalation	Rat	Some positive data exist, but the data are not sufficient for classification
Hydrotreated heavy naphthenic petroleum distillates	Ingestion	Rat	Not carcinogenic
Hydrotreated heavy naphthenic petroleum distillates	Dermal	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
Filler	Ingestion	Not classified for development	Rat	NOAEL 625 mg/kg/day	prematuring & during gestation
Talc	Ingestion	Not classified for development	Rat	NOAEL 1,600 mg/kg	during organogenesis

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

Name	Route	Target Organ(s)	Value	Species	Test result	Exposure Duration
Propane	Inhalation	cardiac sensitization	Causes damage to organs	Human	NOAEL Not available	
Propane	Inhalation	central nervous system depression	May cause drowsiness or dizziness	Human	NOAEL Not available	
Propane	Inhalation	respiratory irritation	Not classified	Human	NOAEL Not available	
Isobutane	Inhalation	cardiac sensitization	Causes damage to organs	Multiple animal species	NOAEL Not available	
Isobutane	Inhalation	central nervous system depression	May cause drowsiness or dizziness	Human and animal	NOAEL Not available	
Isobutane	Inhalation	respiratory irritation	Not classified	Mouse	NOAEL Not	

**3M™ Cavity Wax Plus, PN 08852**

					available	
Filler	Inhalation	respiratory system	Not classified	Rat	NOAEL 0.812 mg/l	90 minutes
Hydrotreated heavy naphthenic petroleum distillates	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification		NOAEL Not available	

**Specific Target Organ Toxicity - repeated exposure**

Name	Route	Target Organ(s)	Value	Species	Test result	Exposure Duration
Isobutane	Inhalation	kidney and/or bladder	Not classified	Rat	NOAEL 4,500 ppm	13 weeks
Filler	Inhalation	respiratory system	Not classified	Human	NOAEL Not available	occupational exposure
Talc	Inhalation	pneumoconiosis	Causes damage to organs through prolonged or repeated exposure	Human	NOAEL Not available	occupational exposure
Talc	Inhalation	pulmonary fibrosis   respiratory system	Not classified	Rat	NOAEL 18 mg/m3	113 weeks

**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
Propane	74-98-6		Data not available or insufficient for classification			
Corrosion inhibitor	Trade Secret		Data not available or insufficient for classification			
Isobutane	75-28-5		Data not available or insufficient for classification			
Wax	64742-61-6	Fathead minnow	Estimated	96 hours	Lethal Level 50%	>100 mg/l
Wax	64742-61-6	Water flea	Estimated	48 hours	Effect Level 50%	>10,000 mg/l
Wax	64742-61-6	Green algae	Estimated	72 hours	No obs Effect Level	100 mg/l
Wax	64742-61-6	Water flea	Estimated	21 days	No obs Effect	10 mg/l

					Level	
Filler	Trade Secret	Green algae	Experimental	72 hours	EC50	>100 mg/l
Filler	Trade Secret	Rainbow trout	Experimental	96 hours	LC50	>100 mg/l
Filler	Trade Secret	Water flea	Experimental	48 hours	EC50	>100 mg/l
Filler	Trade Secret	Green algae	Experimental	72 hours	Effect Concentration 10%	>100 mg/l
Hydrotreated heavy naphthenic petroleum distillates	64742-52-5	Green algae	Estimated	96 hours	EC50	>100 mg/l
Hydrotreated heavy naphthenic petroleum distillates	64742-52-5	Water flea	Estimated	48 hours	EC50	>100 mg/l
Talc	14807-96-6		Data not available or insufficient for classification			

## 12.2. Persistence and degradability

Material	CAS Number	Test type	Duration	Study Type	Test result	Protocol
Propane	74-98-6	Experimental Photolysis		Photolytic half-life (in air)	27.5 days (t 1/2)	Other methods
Corrosion inhibitor	Trade Secret	Estimated Biodegradation	28 days	BOD	8.6 %BOD/CO D	OECD 301D - Closed bottle test
Isobutane	75-28-5	Experimental Photolysis		Photolytic half-life (in air)	13.4 days (t 1/2)	Other methods
Wax	64742-61-6	Estimated Biodegradation	28 days	BOD	31 % BOD/ThBOD	OECD 301F - Manometric respirometry
Filler	Trade Secret	Data not available or insufficient			N/A	
Hydrotreated heavy naphthenic petroleum distillates	64742-52-5	Data not available or insufficient			N/A	
Talc	14807-96-6	Data not available or insufficient			N/A	

## 12.3 : Bioaccumulative potential

Material	CAS Number	Test type	Duration	Study Type	Test result	Protocol
Propane	74-98-6	Experimental Bioconcentration		Log Kow	2.36	Other methods
Corrosion inhibitor	Trade Secret	Data not available or	N/A	N/A	N/A	N/A

**3M™ Cavity Wax Plus, PN 08852**

		insufficient for classification				
Isobutane	75-28-5	Experimental Bioconcentration		Log Kow	2.76	Other methods
Wax	64742-61-6	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Filler	Trade Secret	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Hydrotreated heavy naphthenic petroleum distillates	64742-52-5	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Talc	14807-96-6	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.

Incinerate in a permitted waste incineration facility. Facility must be capable of handling aerosol cans. As a disposal alternative, utilize an acceptable permitted waste disposal facility. Empty drums/barrels/containers used for transporting and handling hazardous chemicals (chemical substances/mixtures/preparations classified as Hazardous as per applicable regulations) shall be considered, stored, treated & disposed of as hazardous wastes unless otherwise defined by applicable waste regulations. Consult with the respective regulating authorities to determine the available treatment and disposal facilities.

Disposal of the aerosol dispenser (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.: UN1950

Proper Shipping Name: AEROSOLS

Class/Division: 2.1

Sub Risk: Not applicable.

Packing Group: Not applicable.

Special Instructions: Limited quantity may apply

Hazchem Code: 2YE

3M™ Cavity Wax Plus, PN 08852

**IERG:** 49

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

**UN No.:** UN1950

**Proper Shipping Name:** AEROSOLS, FLAMMABLE

**Class/Division:** 2.1

**Sub Risk:** Not applicable.

**Packing Group:** Not applicable.

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

**UN No.:** UN1950

**Proper Shipping Name:** AEROSOLS

**Class/Division:** 2.1

**Sub Risk:** Not applicable.

**Packing Group:** Not applicable.

**Marine Pollutant:** Not applicable.

**Special Instructions:** Limited quantity may apply

**SECTION 15: Regulatory information**

HSNO Approval number      HSR002515  
Group standard name      Aerosols (Flammable) Group Standard 2017  
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 (Hazardous Substances) Regulations 2017**

Certified handler                      Not required  
Location Compliance Certificate      3,000 L (aggregate water capacity)  
Hazardous atmosphere zone          3,000 L (aggregate water capacity)  
Fire extinguishers                      One required for 3,000 L (aggregate water capacity)  
Emergency response plan              3,000 L (aggregate water capacity)  
Secondary containment                Not required  
Tracking                                  Not required  
Warning signage                        3,000 L (aggregate water capacity)

**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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