



## Safety Data Sheet

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This Safety Data Sheet has been prepared in accordance with the Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice (Safe Work Australia, December 2011)

### SECTION 1: Identification

#### 1.1. Product identifier

OP Tape 9099

#### Product Identification Numbers

70-2006-8835-9      70-2006-8836-7

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

##### Recommended use

Tape for use on surgical drapes.

For Professional use only.

#### 1.3. Supplier's details

**Address:** 3M Australia - Building A, 1 Rivett Road, North Ryde NSW 2113  
**Telephone:** 136 136  
**E Mail:** productinfo.au@mmm.com  
**Website:** www.3m.com.au

#### 1.4. Emergency telephone number

EMERGENCY: 1800 097 146 (Australia only)

### SECTION 2: Hazard identification

This product is NOT classified as a hazardous chemical according to the Model Work Health and Safety Regulations, 2011, in accordance with applicable State and Territory legislation.

This product is an article and is not regulated by the Model Work Health and Safety Regulations (2011) because, it is not classified as hazardous. When used as recommended or under ordinary conditions, it should not present a health and safety hazard. However, use or processing of the product not in accordance with the product's recommendations or not under ordinary conditions may affect the performance of the product and may present potential health and safety hazards.

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

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

Not applicable.



**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**

No special protective actions for fire-fighters are anticipated.

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

Not applicable. Ventilate the area with fresh air.

**6.2. Environmental precautions**

Not applicable. Avoid release to the environment.

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

Not applicable. Sweep up. Vacuum or sweep up. Warning: A motor could be an ignition source and cause flammable gases or vapours or dust in the spill area to burn or explode. Seal the container.

**SECTION 7: Handling and storage****7.1. Precautions for safe handling**

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.

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

Not applicable.

**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.

<b>Ingredient</b>	<b>CAS Nbr</b>	<b>Agency</b>	<b>Limit type</b>	<b>Additional comments</b>
Particles (insoluble or poorly soluble) not otherwise specified, inhalable particles	9002-88-4	ACGIH	TWA(inhalable particulates):10 mg/m <sup>3</sup>	
Particles (insoluble or poorly soluble) not otherwise specified,	9002-88-4	ACGIH	TWA(respirable particles):3 mg/m <sup>3</sup>	

respirable particles				
Silicone Coated Paper Liner	None	ACGIH	TWA:10 mg/m <sup>3</sup>	
Silicone Coated Paper Liner	None	Australia OELs	TWA(Inspirable dust)(8 hours):10 mg/m <sup>3</sup>	
Glycerol ester of hydrogenated rosin	Trade Secret	ACGIH	TWA(as Resin, inhalable fraction):0.001 mg/m <sup>3</sup>	Dermal/Respiratory Sensitiser
Glycerol ester of hydrogenated rosin	Trade Secret	Australia OELs	TWA(as formaldehyde)(8 hours):0.1 mg/m <sup>3</sup>	

ACGIH : American Conference of Governmental Industrial Hygienists

AIHA : American Industrial Hygiene Association

Australia OELs : Australia. Adopted National Exposure Standards for Atmospheric Contaminants in the Occupational Environment

CMRG : Chemical Manufacturer's Recommended Guidelines

TWA: Time-Weighted-Average

STEL: Short Term Exposure Limit

CEIL: Ceiling

Sen: Sensitiser

Sk: Absorption through the skin may be a significant source of exposure.

## 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.

#### Skin/hand protection

No chemical protective gloves are required.

#### 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>	Colourless
<b>Odour</b>	Slight Odour
<b>Odour threshold</b>	<i>Not applicable.</i>
<b>pH</b>	<i>Not applicable.</i>
<b>Melting point/Freezing point</b>	<i>Not applicable.</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>No data available.</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>No data available.</i>
<b>Percent volatile</b>	<i>Not applicable.</i>
<b>VOC less H2O &amp; exempt solvents</b>	<i>No data available.</i>

## 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. Conditions to avoid

None known.

### 10.4. Possibility of hazardous reactions

Hazardous polymerisation will not occur.

### 10.5 Incompatible materials

None known.

### 10.6 Hazardous decomposition products

#### Substance

#### Condition

None known.

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 health effects are expected. No known health effects.

#### **Skin contact**

No health effects are expected. Contact with the skin during product use is not expected to result in significant irritation.

#### **Eye contact**

No health effects are expected. Contact with the eyes during product use is not expected to result in significant irritation.

### Ingestion

No health effects are expected. No known health effects.

### Additional information:

This product, when used under reasonable conditions and in accordance with the directions for use, should not present a health hazard. However, use or processing of the product in a manner not in accordance with the product's directions for use may affect the performance of the product and may present potential health and safety hazards.

### 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
Polyethylene	Dermal		LD50 estimated to be > 5,000 mg/kg
Polyethylene	Ingestion	Rat	LD50 > 2,000 mg/kg
Silicone Coated Paper Liner	Dermal	Rabbit	LD50 > 2,000 mg/kg
Silicone Coated Paper Liner	Inhalation-Dust/Mist (4 hours)	Rat	LC50 > 5.8 mg/l
Silicone Coated Paper Liner	Ingestion	Rat	LD50 > 5,000 mg/kg
Acrylate Polymer Adhesive	Dermal		LD50 estimated to be > 5,000 mg/kg
Acrylate Polymer Adhesive	Ingestion		LD50 estimated to be 2,000 - 5,000 mg/kg
Glycerol ester of hydrogenated rosin	Dermal	Rat	LD50 > 2,000 mg/kg
Glycerol ester of hydrogenated rosin	Ingestion	Rat	LD50 > 2,000 mg/kg

ATE = acute toxicity estimate

### Skin Corrosion/Irritation

Name	Species	Value
Polyethylene	Professional judgement	No significant irritation
Silicone Coated Paper Liner	Not available	No significant irritation
Acrylate Polymer Adhesive	Professional judgement	No significant irritation
Glycerol ester of hydrogenated rosin	Rabbit	No significant irritation

### Serious Eye Damage/Irritation

Name	Species	Value
Silicone Coated Paper Liner	Not available	No significant irritation
Glycerol ester of hydrogenated rosin	Rabbit	Mild irritant

### Skin Sensitisation

Name	Species	Value
Acrylate Polymer Adhesive	Professional judgement	Not classified
Glycerol ester of hydrogenated rosin	Human and animal	Not classified

### Respiratory Sensitisation

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

### Germ Cell Mutagenicity

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

**Carcinogenicity**

Name	Route	Species	Value
Polyethylene	Not specified.	Multiple animal species	Some positive data exist, but 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.

**Exposure Levels**

Refer Section 8.1 Control Parameters of this Safety Data Sheet.

**Interactive Effects**

Not determined.

**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****Acute aquatic hazard:**

Not acutely toxic to aquatic life by GHS criteria.

**Chronic aquatic hazard:**

Not chronically toxic to aquatic life by GHS criteria.

No product test data available.

Material	CAS Number	Organism	Type	Exposure	Test endpoint	Test result
Silicone Coated Paper Liner	None		Data not available or insufficient for classification			N/A
Polyethylene	9002-88-4		Data not available or insufficient for classification			N/A
Acrylate	Trade Secret		Data not			N/A

Polymer Adhesive			available or insufficient for classification			
Kraft Lignin	8068-05-1		Data not available or insufficient for classification			N/A
Glycerol ester of hydrogenated rosin	Trade Secret	Green algae	Estimated	72 hours	No tox obs at lmt of water sol	>100 mg/l
Glycerol ester of hydrogenated rosin	Trade Secret	Rainbow trout	Estimated	96 hours	No tox obs at lmt of water sol	>100 mg/l
Glycerol ester of hydrogenated rosin	Trade Secret	Water flea	Estimated	48 hours	No tox obs at lmt of water sol	>100 mg/l
Glycerol ester of hydrogenated rosin	Trade Secret	Green algae	Estimated	72 hours	No tox obs at lmt of water sol	>100 mg/l

## 12.2. Persistence and degradability

Material	CAS Number	Test type	Duration	Study Type	Test result	Protocol
Silicone Coated Paper Liner	None	Data not available-insufficient	N/A	N/A	N/A	N/A
Polyethylene	9002-88-4	Data not available-insufficient	N/A	N/A	N/A	N/A
Acrylate Polymer Adhesive	Trade Secret	Data not available-insufficient	N/A	N/A	N/A	N/A
Kraft Lignin	8068-05-1	Data not available-insufficient	N/A	N/A	N/A	N/A
Glycerol ester of hydrogenated rosin	Trade Secret	Experimental Biodegradation	28 days	CO2 evolution	47.3 %CO2 evolution/THC O2 evolution	OECD 301B - Modified sturm or CO2

## 12.3 : Bioaccumulative potential

Material	CAS Number	Test type	Duration	Study Type	Test result	Protocol
Silicone Coated Paper Liner	None	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Polyethylene	9002-88-4	Data not available or insufficient for classification	N/A	N/A	N/A	N/A



Acrylate Polymer Adhesive	Trade Secret	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Kraft Lignin	8068-05-1	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Glycerol ester of hydrogenated rosin	Trade Secret	Estimated Bioconcentration		Bioaccumulation factor	7.4	Estimated: Bioconcentration factor

#### 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

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

Dispose of waste product in a permitted industrial waste facility. As a disposal alternative, incinerate in a permitted waste incineration facility. If no other disposal options are available, waste product may be placed in a landfill properly designed for industrial waste.

## SECTION 14: Transport Information

#### Australian Dangerous Goods Code (ADG) - 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

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### Australian Inventory Status:

This product is regulated by the Therapeutics Goods Administration and is exempt from compliance with the Industrial Chemicals (Notification and Assessment) Act 1989 as amended.

## SECTION 16: Other information

#### Revision information:

Complete document review.

DISCLAIMER: The information on this Safety Data Sheet is based on our experience and is correct to the best of our knowledge at the date of publication, but we do not accept any liability for any loss, damage or injury resulting from its use (except as required by law). The information may not be valid for any use not referred to in this Safety Data Sheet or use of the product in combination with other materials. For these reasons, it is important that customers carry out their own test to satisfy themselves as to the suitability of the product for their own intended applications.

Greenguard® is a United States based program. The 'Low VOC' reference related to United States Federal and State regulations exemptions for some solvents.

**3M Australia SDSs are available at [www.3m.com.au](http://www.3m.com.au)**