



## 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

3M Tegaderm iV site Transparent Film Dressings (MMK / Germany)

#### Product Identification Numbers

DH-9999-8024-5      DH-9999-8025-2      UU-0133-4714-9

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

##### Recommended use

Wound dressing

For Professional use only.

#### 1.3. Supplier's details

**Address:** KCI Medical Australia Pty Ltd, Level 3, Building A, 1 Rivett Rd | North Ryde, NSW 2113  
**Telephone:** 1800945183  
**E Mail:** psops\_supportteam@solventum.com  
**Website:** Solventum.com

#### 1.4. Emergency telephone number

+61 2 9037 2994; (24/7)    +1-703-527-3887; (24/7)

### 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

This product is exempt from hazard classification according to the Model Work Health and Safety Regulations, 2011, in

accordance with applicable State and Territory legislation.

**2.2. Label elements**

**Signal word**

Not applicable.

**Symbols**

Not applicable.

**Pictograms**

Not applicable

**2.3. Other assigned/identified product hazards**

None known.

**2.4. Other hazards which do not result in classification**

None known.

**SECTION 3: Composition/information on ingredients**

This material is a mixture.

Ingredient	CAS Nbr	% by Weight
Cellulose Fiber	Trade Secret	20 - 80
Cellulose Based Wood Fiber	Trade Secret	< 40
Pulp	Trade Secret	< 40
Acrylate Polymer	Trade Secret	7 - 13
Poly(ethylene terephthalate)	None	7 - 13
Thermo-plastic Polyurethane	Trade Secret	5 - 10
Acrylamide Polymer	Trade Secret	5 - 10
Additive(s)	Trade Secret	< 5
Acrylic Polymer	Trade Secret	< 3
Acrylic-acid based copolymer	Trade Secret	< 3
Silicones	Trade Secret	< 3
PVA	Trade Secret	< 3
Dispersion of Ethylene Acrylic Acid	Trade Secret	< 3
Poly(dimethylsiloxane)	None	< 3

**SECTION 4: First aid measures**

**4.1. Description of first aid measures**

**Inhalation**

No need for first aid is anticipated. If symptoms develop, remove the affected person to fresh air. Get medical attention.

**Skin contact**

No need for first aid is anticipated.

**Eye contact**

No need for first aid is anticipated. If signs/symptoms persist, get medical attention.

**If swallowed**

Do not induce vomiting. 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**

Hydrocarbons.

Formaldehyde

Carbon monoxide.

Carbon dioxide.

Hydrogen cyanide.

Oxides of nitrogen.

**Condition**

During combustion.

During combustion.

During combustion.

During combustion.

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.

**SECTION 6: Accidental release measures**

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

Not applicable.

**6.2. Environmental precautions**

Not applicable.

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

Not applicable.

**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**

Store away from heat. Store away from acids. Store away from oxidising agents.

**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.

**3M Tegaderm iV site Transparent Film Dressings (MMK / Germany)**

Ingredient	CAS Nbr	Agency	Limit type	Additional comments
Cellulose Fiber	Trade Secret	ACGIH	TWA:10 mg/m <sup>3</sup>	
Cellulose Fiber	Trade Secret	Australia OELs	TWA(Inspirable dust)(8 hours):10 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. colourless film + nonwoven
<b>Specific Physical Form:</b>	Film
<b>Colour</b>	Colourless, White
<b>Odour</b>	odour less
<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>No data available.</i>
<b>Evaporation rate</b>	<i>Not applicable.</i>
<b>Flammability</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>Not applicable.</i>
<b>Relative Vapor Density</b>	<i>Not applicable.</i>
<b>Density</b>	<i>No data available.</i>
<b>Relative density</b>	<i>No data available.</i>
<b>Water solubility</b>	Nil

<b>Solubility- non-water</b>	Nil [Details:in water]
<b>Partition coefficient: n-octanol/water</b>	<i>Not applicable.</i>
<b>Autoignition temperature</b>	<i>No data available.</i>
<b>Decomposition temperature</b>	<i>Not applicable.</i>
<b>Kinematic Viscosity</b>	<i>Not applicable.</i>
<b>Volatile organic compounds (VOC)</b>	<i>No data available.</i>
<b>Percent volatile</b>	<i>No data available.</i>
<b>VOC less H2O &amp; exempt solvents</b>	<i>No data available.</i>

<b>Particle Characteristics</b>	<i>Not applicable.</i>
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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. Conditions to avoid

Heat.

Sparks and/or flames.

### 10.4. Possibility of hazardous reactions

Hazardous polymerisation will not occur.

### 10.5 Incompatible materials

Strong acids.

Strong oxidising agents.

### 10.6 Hazardous decomposition products

#### Substance

None known.

#### Condition

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.

#### **Skin contact**

No health effects are expected.

**Eye contact**

No health effects are expected.

**Ingestion**

No health effects are expected.

**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
Cellulose Fiber	Dermal	Rabbit	LD50 > 2,000 mg/kg
Cellulose Fiber	Inhalation-Dust/Mist (4 hours)	Rat	LC50 > 5.8 mg/l
Cellulose Fiber	Ingestion	Rat	LD50 > 5,000 mg/kg
Pulp	Ingestion	similar compounds	LD50 > 5,000 mg/kg
Pulp	Dermal	similar health hazards	LD50 estimated to be > 5,000 mg/kg
Poly(ethylene terephthalate)	Dermal		LD50 estimated to be > 5,000 mg/kg
Poly(ethylene terephthalate)	Ingestion	Rat	LD50 > 5,000 mg/kg
PVA	Dermal	Rat	LD50 > 1,000 mg/kg
PVA	Ingestion	Rat	LD50 > 5,000 mg/kg
Acrylic-acid based copolymer	Dermal	Rabbit	LD50 > 2,000 mg/kg
Acrylic-acid based copolymer	Ingestion	Rat	LD50 > 5,000 mg/kg
Poly(dimethylsiloxane)	Dermal	Rabbit	LD50 > 19,400 mg/kg
Poly(dimethylsiloxane)	Ingestion	Rat	LD50 > 17,000 mg/kg

ATE = acute toxicity estimate

**Skin Corrosion/Irritation**

Name	Species	Value
Cellulose Fiber	Not available	No significant irritation
Pulp	similar compounds	No significant irritation
Poly(ethylene terephthalate)	In vitro data	No significant irritation
PVA	Rabbit	No significant irritation
Acrylic-acid based copolymer	Professional judgement	No significant irritation
Poly(dimethylsiloxane)	Rabbit	No significant irritation

**Serious Eye Damage/Irritation**

Name	Species	Value
Cellulose Fiber	Not available	No significant irritation
Pulp	similar compounds	Mild irritant
Poly(ethylene terephthalate)	Human	No significant irritation
PVA	Rabbit	No significant irritation
Acrylic-acid based copolymer	Professional judgement	No significant irritation
Poly(dimethylsiloxane)	Rabbit	No significant irritation

**Skin Sensitisation**

Name	Species	Value
Pulp	similar compounds	Not classified
Poly(ethylene terephthalate)	Human	Not classified
PVA	Guinea pig	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
Pulp	In Vitro	Not mutagenic
Poly(ethylene terephthalate)	In Vitro	Not mutagenic
PVA	In Vitro	Not mutagenic
PVA	In vivo	Not mutagenic

**Carcinogenicity**

Name	Route	Species	Value
PVA	Not specified.	Multiple animal species	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
PVA	Ingestion	Not classified for female reproduction	Rat	NOAEL 5,000 mg/kg/day	2 generation
PVA	Ingestion	Not classified for male reproduction	Rat	NOAEL 5,000 mg/kg/day	2 generation
PVA	Ingestion	Not classified for development	Rat	NOAEL 5,000 mg/kg/day	2 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.

**Specific Target Organ Toxicity - repeated exposure**

Name	Route	Target Organ(s)	Value	Species	Test result	Exposure Duration
Poly(ethylene terephthalate)	Ingestion	heart   skin   endocrine system   bone, teeth, nails, and/or hair   hematopoietic system   liver   immune system   muscles   nervous system   eyes   kidney and/or bladder   respiratory	Not classified	Rat	NOAEL Not available	13 weeks

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		system				
PVA	Dermal	hematopoietic system	Not classified	Rat	NOAEL 1,000 mg/kg/day	5 weeks
PVA	Ingestion	gastrointestinal tract   hematopoietic system   nervous system   kidney and/or bladder	Not classified	Rat	NOAEL 5,000 mg/kg/day	90 days

**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
Cellulose Fiber	Trade Secret	N/A	Data not available or insufficient for classification	N/A	N/A	N/A
Pulp	Trade Secret	N/A	Data not available or insufficient for classification	N/A	N/A	N/A
Acrylate Polymer	Trade Secret	N/A	Data not available or insufficient for classification	N/A	N/A	N/A
Poly(ethylene terephthalate)	None	N/A	Data not available or insufficient for classification	N/A	N/A	N/A
Acrylamide Polymer	Trade Secret	N/A	Data not available or insufficient for classification	N/A	N/A	N/A
Acrylic-acid based copolymer	Trade Secret	N/A	Data not available or insufficient for classification	N/A	N/A	N/A
Poly(dimethylsiloxane)	None	N/A	Data not available or insufficient for classification	N/A	N/A	N/A
PVA	Trade Secret	Bluegill	Experimental	96 hours	LC50	>10,000 mg/l



### 3M Tegaderm iV site Transparent Film Dressings (MMK / Germany)

PVA	Trade Secret	Water flea	Experimental	48 hours	LC50	7,900 mg/l
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#### 12.2. Persistence and degradability

Material	CAS Number	Test type	Duration	Study Type	Test result	Protocol
Cellulose Fiber	Trade Secret	Data not available- insufficient	N/A	N/A	N/A	N/A
Pulp	Trade Secret	Data not available- insufficient	N/A	N/A	N/A	N/A
Acrylate Polymer	Trade Secret	Data not available- insufficient	N/A	N/A	N/A	N/A
Poly(ethylene terephthalate)	None	Data not available- insufficient	N/A	N/A	N/A	N/A
Acrylamide Polymer	Trade Secret	Data not available- insufficient	N/A	N/A	N/A	N/A
Acrylic-acid based copolymer	Trade Secret	Data not available- insufficient	N/A	N/A	N/A	N/A
Poly(dimethylsiloxane)	None	Data not available- insufficient	N/A	N/A	N/A	N/A
PVA	Trade Secret	Experimental Aquatic Inherent Biodegrad.	14 days	Dissolv. Organic Carbon Deplet	11 %removal of DOC	OECD 302B Zahn-Wellens/EVPA
PVA	Trade Secret	Experimental Biodegradation	30 days	BOD	0 %BOD/ThOD	similar to OECD 301D

#### 12.3 : Bioaccumulative potential

Material	CAS Number	Test type	Duration	Study Type	Test result	Protocol
Cellulose Fiber	Trade Secret	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Pulp	Trade Secret	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Acrylate Polymer	Trade Secret	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Poly(ethylene terephthalate)	None	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Acrylamide Polymer	Trade Secret	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Acrylic-acid based copolymer	Trade Secret	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Poly(dimethylsiloxane)	None	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
PVA	Trade Secret	Experimental BCF - Fish	42 days	Bioaccumulation factor	<7.5	

#### 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.

**Solventum Australia SDSs are available at [Solventum.com](http://Solventum.com)**