

# SAFETY DATA SHEET (SDS)

## Petrifilm E.coli/Coliform Count Plates

Issue date: 25-07-2019

### Section 1: Product Identifier and Chemical Identity

| Product Identifier                       |  |
|--|--|
| Product Name:                            | Petrifilm E.coli/coliform count plates   |
| Product Codes:                           | M6404-25, M6404-50   |
| Other means of identification:           |  |
| External product name and code/s:        |  |
| Manufacturer:                            |  |
| 3M Australia                             | Building A, 1 Rivett Road, North Ryde, NSW 2113<br>Email: productinfo.au@mmm.com |
| Suppliers name, address and phone number |  |
| Suppliers Name:                          | Southern Biological  |
| Suppliers ABN:                           | 94 630 703 810   |
| Suppliers Address:                       | 1/44 Rushdale Street<br>Knoxfield Victoria 3180 Australia                        |
| Suppliers Phone No.:                     | 1300 138 561   |
| Suppliers Fax No.:                       | +613 9753 3896   |
| Emergency Phone number (BH)              | 1300 138 561   |



## Safety Data Sheet

Copyright, 2019, 3M Company.

All rights reserved. Copying and/or downloading of this information for the purpose of properly utilizing 3M products is allowed provided that: (1) the information is copied in full with no changes unless prior written agreement is obtained from 3M, and (2) neither the copy nor the original is resold or otherwise distributed with the intention of earning a profit thereon.

|                        |            |                         |            |
|------------------------|------------|-------------------------|------------|
| <b>Document group:</b> | 05-3668-0  | <b>Version number:</b>  | 5.00       |
| <b>Issue Date:</b>     | 25/07/2019 | <b>Supersedes date:</b> | 22/07/2014 |

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™ Petrifilm™ Coliform Count Plate

#### Product Identification Numbers

70-2005-7214-0      70-2005-7216-5

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

##### Recommended use

The coliform Petrifilm plates are used to detect and grow specific bacteria.

For Industrial or 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 Sheet for product Dangerous Goods Classification.

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

Not applicable.

**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.

| <b>Ingredient</b>             | <b>CAS Nbr</b> | <b>% by Weight</b> |
|-------------------------------|----------------|--------------------|
| Adhesive                      | Unknown        | 5 - 15             |
| Guar gum                      | 9000-30-0      | 5 - 10             |
| Polypropylene film            | Unknown        | < 10               |
| Hinge tape                    | Unknown        | 1 - 3              |
| Lactose                       | 64044-51-5     | < 2                |
| Pancreatic digest of gelatine | Unknown        | < 2                |

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

No need for first aid is anticipated.

**Skin contact**

No need for first aid is anticipated.

**Eye contact**

No need for first aid is anticipated.

**If swallowed**

No need for first aid is anticipated.

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

See Section 11.1. Information on toxicological effects.

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

Not applicable

**SECTION 5: Fire-fighting measures**

#### **5.1. Suitable extinguishing media**

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.

#### **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**

Not applicable.

### **SECTION 8: Exposure controls/personal protection**

#### **8.1 Control parameters**

##### **Occupational exposure limits**

No occupational exposure limit values exist for any of the components listed in Section 3 of this Safety Data Sheet.

#### **8.2. Exposure controls**

##### **8.2.1. Engineering controls**

No engineering controls required.

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

###### **Eye/face protection**

Eye protection not required.

###### **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

|   |  |
|---|--|
| Physical state                                    | Solid.   |
| Specific Physical Form:                           | Film coated with bio-media gel.                                |
| Appearance/Odour                                  | Opaque red and white film with yellow grid lines. Musty odour. |
| Odour threshold                                   | <i>Not applicable.</i>   |
| pH  | <i>No data available.</i>                                      |
| Melting point/Freezing point                      | <i>No data available.</i>                                      |
| Boiling point/Initial boiling point/Boiling range | <i>Not applicable.</i>   |
| Flash point                                       | <i>Not applicable.</i>   |
| Evaporation rate                                  | <i>No data available.</i>                                      |
| Flammability (solid, gas)                         | Not classified   |
| Flammable Limits(LEL)                             | <i>Not applicable.</i>   |
| Flammable Limits(UEL)                             | <i>Not applicable.</i>   |
| Vapour pressure                                   | <i>Not applicable.</i>   |
| Vapour density                                    | <i>Not applicable.</i>   |
| Density   | <i>Not applicable.</i>   |
| Relative density                                  | <i>Not applicable.</i>   |
| Water solubility                                  | <i>No data available.</i>                                      |
| Solubility- non-water                             | <i>Not applicable.</i>   |
| Partition coefficient: n-octanol/water            | <i>No data available.</i>                                      |
| Autoignition temperature                          | <i>No data available.</i>                                      |
| Decomposition temperature                         | <i>Not applicable.</i>   |
| Viscosity   | <i>Not applicable.</i>   |
| Molecular weight                                  | <i>No data available.</i>                                      |
| Volatile organic compounds (VOC)                  | 0  |
| Percent volatile                                  | <i>No data available.</i>                                      |
| VOC less H <sub>2</sub> O & exempt solvents       | 0  |

## 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

| <u>Substance</u> | <u>Condition</u> |
|------------------|------------------|
| Carbon monoxide. | Not specified.   |
| Carbon dioxide.  | Not specified.   |

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 |

ATE = acute toxicity estimate

#### Skin Corrosion/Irritation

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

#### Serious Eye Damage/Irritation

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

#### Skin Sensitisation

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

#### Respiratory Sensitisation

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

**Germ Cell Mutagenicity**

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

**Carcinogenicity**

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

**Reproductive Toxicity****Reproductive and/or Developmental Effects**

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

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

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

**Specific Target Organ Toxicity - repeated exposure**

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

**Aspiration Hazard**

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

**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 |
|----------|------------|---------------|---|----------|---------------|-------------|
| Guar gum | 9000-30-0  | Rainbow trout | Experimental  | 96       | LC50          | 218 mg/l    |
| Guar gum | 9000-30-0  | Water flea    | Experimental  | 48 hours | LC50          | 42 mg/l     |
| Lactose  | 64044-51-5 |               | Data not available or insufficient for classification |          |               |             |

**3M™ Petrifilm™ Coliform Count Plate****12.2. Persistence and degradability**

| Material | CAS Number | Test type                           | Duration | Study Type | Test result | Protocol |
|----------|------------|-------------------------------------|----------|------------|-------------|----------|
| Guar gum | 9000-30-0  | Data not available-<br>insufficient |          |            | N/A         |          |
| Lactose  | 64044-51-5 | Data not available-<br>insufficient |          |            | N/A         |          |

**12.3 : Bioaccumulative potential**

| Material | CAS Number | Test type   | Duration | Study Type | Test result | Protocol |
|----------|------------|---|----------|------------|-------------|----------|
| Guar gum | 9000-30-0  | Data not available or<br>insufficient for<br>classification | N/A      | N/A        | N/A         | N/A      |
| Lactose  | 64044-51-5 | Data not available or<br>insufficient for<br>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**

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 defined as an article under the Industrial Chemicals (Notification and Assessment) Act 1989, as amended, and is exempt from inventory requirements under the Industrial Chemicals (Notification and Assessment) Act 1989 as amended.

**Poison Schedule:** This product is intended for Industrial or Professional Use only and therefore is not packaged and labelled in accordance with the requirements of the Standard for the Uniform Scheduling of Medicines and Poisons.

## 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)**