



## Safety Data Sheet

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|                        |            |                         |            |
|------------------------|------------|-------------------------|------------|
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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™ Scotch-Brite™ Products, Surface Conditioning: AMED: Sheets, Hookit™, Rolls, Discs (Roloc™, TN, TP, TR, TS, TSM), Belts, Scrim Belts

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

##### Recommended use

Abrasive Product

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.

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

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

Not applicable.

#### 2.2. Label elements

##### Signal word

Not applicable.

##### Symbols

**3M™ Scotch-Brite™ Products, Surface Conditioning: AMED: Sheets, Hookit™, Rolls, Discs (Roloc™, TN, TP, TR, TS, TSM), Belts, Scrim Belts**

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> |
|--------------------------------------|----------------|--------------------|
| Aluminum Oxide Mineral (non-fibrous) | 1344-28-1      | 25 - 45            |
| Filler                               | 1317-65-3      | 3 - 8              |
| Lubricant                            | 64742-54-7     | 1 - 2              |
| Titanium dioxide                     | 13463-67-7     | 0.2 - 1.5          |
| Quartz                               | 14808-60-7     | 0.001 - 0.15       |
| Cured resin                          | Mixture        | 20 - 40            |
| Nylon Fiber                          | Mixture        | 10 - 25            |
| Nylon Scrim                          | Mixture        | 5 - 15             |
| Poly(Vinyl Chloride)                 | 9002-86-2      | 0.5 - 1.75         |
| Attachment Button                    | Mixture        | 0 - 5              |

**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**

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**

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**

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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**

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**

Observe precautions from other sections.

**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**

For industrial/occupational use only. Not for consumer sale or use. Avoid breathing of dust created by sanding, grinding or machining. Damaged product can break apart during use and cause serious injury to face or eyes. Check product for damage such as cracks or nicks prior to use. Replace if damaged. Always wear eye and face protection when working at sanding or grinding operations or when near such operations. Combustible dust may form by action of this product on another material (substrate). Dust generated from the substrate during use of this product may be explosive if in sufficient concentration with an ignition source. Dust deposits should not be allowed to accumulate on surfaces because of the potential for secondary explosions.

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

No special storage requirements.

**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>     |
|--------------------------------------|----------------|----------------|--|--------------------------------|
| Filler                               | 1317-65-3      | Australia OELs | TWA(Inspirable dust)(8 hours):10 mg/m3 |                                |
| Aluminum Oxide Mineral (non-fibrous) | 1344-28-1      | Australia OELs | TWA(Inspirable dust)(8 hours):10 mg/m3 |                                |
| Aluminum, insoluble compounds        | 1344-28-1      | ACGIH          | TWA(respirable fraction):1 mg/m3       | A4: Not class. as human carcin |

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|                      |            |                |  |                                |
|----------------------|------------|----------------|--|--------------------------------|
| Titanium dioxide     | 13463-67-7 | ACGIH          | TWA:10 mg/m <sup>3</sup>   | A4: Not class. as human carcin |
| Titanium dioxide     | 13463-67-7 | Australia OELs | TWA(Inspirable dust)(8 hours):10 mg/m <sup>3</sup>               |                                |
| Quartz               | 14808-60-7 | ACGIH          | TWA(respirable fraction):0.025 mg/m <sup>3</sup>                 | A2: Suspected human carcin.    |
| Quartz               | 14808-60-7 | Australia OELs | TWA(8 hours):0.1 mg/m <sup>3</sup> ;Limit value not established: |                                |
| Poly(Vinyl Chloride) | 9002-86-2  | ACGIH          | TWA(respirable fraction):1 mg/m <sup>3</sup>                     | A4: Not class. as human carcin |

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

Provide appropriate local exhaust ventilation for sanding, grinding or machining. 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. Warning: Excessive operating speed or generation of extreme heat may result in harmful emissions. Use local exhaust ventilation. Provide local exhaust at process emission sources to control exposure near the source and to prevent the escape of dust into the work area. Ensure that dust-handling systems (such as exhaust ducts, dust collectors, vessels, and processing equipment) are designed in a manner to prevent the escape of dust into the work area (i.e., there is no leakage from the equipment).

### 8.2.2. Personal protective equipment (PPE)

#### Eye/face protection

To minimise the risk of injury to face and eyes, always wear eye and face protection when working at sanding or grinding operations or when near such operations. 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:

Safety glasses with side shields.

Select and use eye protection in accordance with AS/NZS 1336. Eye protection should comply with the performance specifications of AS/NZS 1337.

#### Skin/hand protection

Wear appropriate gloves to minimise risk of injury to skin from contact with dust or physical abrasion from grinding or sanding.

#### Respiratory protection

Assess exposure concentrations of all materials involved in the work process. Consider material being abraded when determining the appropriate respiratory protection. Select and use appropriate respirators to prevent inhalation overexposure. 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 air-purifying respirator suitable for particulates.

For questions about suitability for a specific application, consult with your respirator manufacturer. Select and use respirators according to AS/NZS 1715. Respirators should comply with AS/NZS 1716 performance specifications. For information about respirators, call 3M on 1800 024 464.

## SECTION 9: Physical and chemical properties

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

|   |                           |
|---|---------------------------|
| Physical state                                    | Solid.                    |
| Colour  | Multicolour               |
| Odour   | Slight Polymeric          |
| Odour threshold                                   | <i>Not applicable.</i>    |
| pH  | <i>Not applicable.</i>    |
| Melting point/Freezing point                      | <i>Not applicable.</i>    |
| Boiling point/Initial boiling point/Boiling range | <i>Not applicable.</i>    |
| Flash point                                       | <i>Not applicable.</i>    |
| Evaporation rate                                  | <i>Not applicable.</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>    |
| Relative density                                  | <i>Not applicable.</i>    |
| Water solubility                                  | <i>Not applicable.</i>    |
| Solubility- non-water                             | <i>Not applicable.</i>    |
| Partition coefficient: n-octanol/water            | <i>Not applicable.</i>    |
| Autoignition temperature                          | <i>Not applicable.</i>    |
| Decomposition temperature                         | <i>Not applicable.</i>    |
| Viscosity   | <i>Not applicable.</i>    |
| Molecular weight                                  | <i>No data available.</i> |
| Percent volatile                                  | <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

| <u>Substance</u> | <u>Condition</u> |
|------------------|------------------|
|------------------|------------------|

None known.

## 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

Dust created by grinding, sanding, or machining may cause irritation of the respiratory system. Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.

#### Skin contact

Mechanical skin irritation: Signs/symptoms may include abrasion, redness, pain, and itching.

#### Eye contact

Mechanical eye irritation: Signs/symptoms may include pain, redness, tearing and corneal abrasion. Dust created by grinding, sanding, or machining may cause eye irritation. Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.

#### Ingestion

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. - This document covers only the 3M product. For complete assessment, when determining the degree of hazard, the material being abraded must also be considered. This product contains titanium dioxide and quartz (crystalline) silica. Cancer of the lungs has been associated with inhalation of high levels of titanium dioxide in animal studies, and occupational exposure to inhaled quartz silica has been associated with silicosis and lung cancer. No exposure to titanium dioxide or quartz silica is expected during the normal handling and use of this product. Titanium dioxide and quartz silica were not detected when air sampling was conducted during simulated use of similar products containing these substances. Therefore, the health effects associated with titanium dioxide and quartz (crystalline) silica are not expected during the normal use of this product.

#### 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-Dust/Mist(4 hr) |         | No data available; calculated ATE >12.5 mg/l   |
| Overall product                      | Ingestion                  |         | No data available; calculated ATE >5,000 mg/kg |
| Aluminum Oxide Mineral (non-fibrous) | Dermal                     |         | LD50 estimated to be > 5,000 mg/kg             |

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|                                      |                                |        |                                    |
|--------------------------------------|--------------------------------|--------|------------------------------------|
| Aluminum Oxide Mineral (non-fibrous) | Inhalation-Dust/Mist (4 hours) | Rat    | LC50 > 2.3 mg/l                    |
| Aluminum Oxide Mineral (non-fibrous) | Ingestion                      | Rat    | LD50 > 5,000 mg/kg                 |
| Filler                               | Dermal                         | Rat    | LD50 > 2,000 mg/kg                 |
| Filler                               | Inhalation-Dust/Mist (4 hours) | Rat    | LC50 3 mg/l                        |
| Filler                               | Ingestion                      | Rat    | LD50 6,450 mg/kg                   |
| Poly(Vinyl Chloride)                 | Dermal                         |        | LD50 estimated to be > 5,000 mg/kg |
| Poly(Vinyl Chloride)                 | Ingestion                      |        | LD50 estimated to be > 5,000 mg/kg |
| Lubricant                            | Dermal                         | Rabbit | LD50 > 5,000 mg/kg                 |
| Lubricant                            | Ingestion                      | Rat    | LD50 > 5,000 mg/kg                 |
| Titanium dioxide                     | Dermal                         | Rabbit | LD50 > 10,000 mg/kg                |
| Titanium dioxide                     | Inhalation-Dust/Mist (4 hours) | Rat    | LC50 > 6.82 mg/l                   |
| Titanium dioxide                     | Ingestion                      | Rat    | LD50 > 10,000 mg/kg                |
| Quartz                               | Dermal                         |        | LD50 estimated to be > 5,000 mg/kg |
| Quartz                               | Ingestion                      |        | LD50 estimated to be > 5,000 mg/kg |

ATE = acute toxicity estimate

**Skin Corrosion/Irritation**

| Name                                 | Species                | Value                     |
|--------------------------------------|------------------------|---------------------------|
| Aluminum Oxide Mineral (non-fibrous) | Rabbit                 | No significant irritation |
| Filler                               | Rabbit                 | No significant irritation |
| Poly(Vinyl Chloride)                 | Professional judgement | No significant irritation |
| Lubricant                            | Rabbit                 | Minimal irritation        |
| Titanium dioxide                     | Rabbit                 | No significant irritation |
| Quartz                               | Professional judgement | No significant irritation |

**Serious Eye Damage/Irritation**

| Name                                 | Species | Value                     |
|--------------------------------------|---------|---------------------------|
| Aluminum Oxide Mineral (non-fibrous) | Rabbit  | No significant irritation |
| Filler                               | Rabbit  | No significant irritation |
| Lubricant                            | Rabbit  | Mild irritant             |
| Titanium dioxide                     | Rabbit  | No significant irritation |

**Skin Sensitisation**

| Name             | Species          | Value          |
|------------------|------------------|----------------|
| Lubricant        | Guinea pig       | Not classified |
| Titanium dioxide | 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**

| Name                                 | Route    | Value  |
|--------------------------------------|----------|--|
| Aluminum Oxide Mineral (non-fibrous) | In Vitro | Not mutagenic  |
| Poly(Vinyl Chloride)                 | In Vitro | Not mutagenic  |
| Lubricant                            | In Vitro | Some positive data exist, but the data are not sufficient for classification |
| Titanium dioxide                     | In Vitro | Not mutagenic  |
| Titanium dioxide                     | In vivo  | Not mutagenic  |
| Quartz                               | In Vitro | Some positive data exist, but the data are not                               |

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|        |         |  |
|--------|---------|--|
|        |         | sufficient for classification  |
| Quartz | In vivo | Some positive data exist, but the data are not sufficient for classification |

**Carcinogenicity**

| Name                                 | Route          | Species                 | Value  |
|--------------------------------------|----------------|-------------------------|--|
| Aluminum Oxide Mineral (non-fibrous) | Inhalation     | Rat                     | Not carcinogenic   |
| Poly(Vinyl Chloride)                 | Not specified. | Rat                     | Some positive data exist, but the data are not sufficient for classification |
| Lubricant                            | Dermal         | Mouse                   | Some positive data exist, but the data are not sufficient for classification |
| Titanium dioxide                     | Ingestion      | Multiple animal species | Not carcinogenic   |
| Titanium dioxide                     | Inhalation     | Rat                     | Carcinogenic.  |
| Quartz                               | Inhalation     | Human and animal        | Carcinogenic.  |

**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 |
| Poly(Vinyl Chloride) | Not specified. | Not classified for development | Mouse   | NOAEL Not available | during gestation               |

**Target Organ(s)**

**Specific Target Organ Toxicity - single exposure**

| Name      | Route      | Target Organ(s)                   | Value                             | Species                | Test result         | Exposure Duration |
|-----------|------------|-----------------------------------|-----------------------------------|------------------------|---------------------|-------------------|
| Filler    | Inhalation | respiratory system                | Not classified                    | Rat                    | NOAEL 0.812 mg/l    | 90 minutes        |
| Lubricant | Inhalation | central nervous system depression | May cause drowsiness or dizziness | Human and animal       | NOAEL Not available |                   |
| Lubricant | Ingestion  | central nervous system depression | May cause drowsiness or dizziness | Professional judgement | NOAEL Not available |                   |

**Specific Target Organ Toxicity - repeated exposure**

| Name                                 | Route      | Target Organ(s)    | Value  | Species                 | Test result         | Exposure Duration     |
|--------------------------------------|------------|--------------------|--|-------------------------|---------------------|-----------------------|
| Aluminum Oxide Mineral (non-fibrous) | Inhalation | pneumoconiosis     | Some positive data exist, but the data are not sufficient for classification | Human                   | NOAEL Not available | occupational exposure |
| Aluminum Oxide Mineral (non-fibrous) | Inhalation | pulmonary fibrosis | Not classified   | Human                   | NOAEL Not available | occupational exposure |
| Filler                               | Inhalation | respiratory system | Not classified   | Human                   | NOAEL Not available | occupational exposure |
| Poly(Vinyl Chloride)                 | Inhalation | respiratory system | Not classified   | Multiple animal species | NOAEL 0.013 mg/l    | 22 months             |
| Lubricant                            | Inhalation | respiratory system | Not classified   | Rat                     | NOAEL 0.21 mg/l     | 28 days               |
| Titanium                             | Inhalation | respiratory        | Some positive  | Rat                     | LOAEL 0.01          | 2 years               |



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|                  |            |                    |  |       |                     |                       |
|------------------|------------|--------------------|--|-------|---------------------|-----------------------|
| dioxide          |            | system             | data exist, but the data are not sufficient for classification |       | mg/l                |                       |
| Titanium dioxide | Inhalation | pulmonary fibrosis | Not classified   | Human | NOAEL Not available | occupational exposure |
| Quartz           | Inhalation | silicosis          | Causes damage to organs through prolonged or repeated exposure | Human | NOAEL Not available | occupational exposure |

**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 |
|--------------------------------------|------------|---------------|--------------|----------|----------------------|-------------|
| Aluminum Oxide Mineral (non-fibrous) | 1344-28-1  |               | Experimental | 96 hours | LC50                 | >100 mg/l   |
| Aluminum Oxide Mineral (non-fibrous) | 1344-28-1  | Green algae   | Experimental | 72 hours | EC50                 | >100 mg/l   |
| Aluminum Oxide Mineral (non-fibrous) | 1344-28-1  | Water flea    | Experimental | 48 hours | LC50                 | >100 mg/l   |
| Aluminum Oxide Mineral (non-fibrous) | 1344-28-1  | Green algae   | Experimental | 72 hours | NOEC                 | >100 mg/l   |
| Filler                               | 1317-65-3  | Green algae   | Estimated    | 72 hours | EC50                 | >100 mg/l   |
| Filler                               | 1317-65-3  | Rainbow trout | Estimated    | 96 hours | LC50                 | >100 mg/l   |
| Filler                               | 1317-65-3  | Water flea    | Estimated    | 48 hours | EC50                 | >100 mg/l   |
| Filler                               | 1317-65-3  | Green algae   | Estimated    | 72 hours | Effect Concentration | >100 mg/l   |

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|                      |            |                |   |          |                        |              |
|----------------------|------------|----------------|---|----------|------------------------|--------------|
|                      |            |                |   |          | 10%                    |              |
| Lubricant            | 64742-54-7 | Green algae    | Estimated   | 72 hours | Effect Level<br>50%    | >100 mg/l    |
| Lubricant            | 64742-54-7 | Water flea     | Estimated   | 48 hours | Effect Level<br>50%    | >100 mg/l    |
| Lubricant            | 64742-54-7 | Fathead minnow | Experimental  | 96 hours | Lethal Level<br>50%    | >100 mg/l    |
| Lubricant            | 64742-54-7 | Green algae    | Estimated   | 72 hours | No obs Effect<br>Level | >100 mg/l    |
| Lubricant            | 64742-54-7 | Water flea     | Estimated   | 21 days  | No obs Effect<br>Level | >100 mg/l    |
| Titanium dioxide     | 13463-67-7 | Diatom         | Experimental  | 72 hours | EC50                   | >10,000 mg/l |
| Titanium dioxide     | 13463-67-7 | Fathead minnow | Experimental  | 96 hours | LC50                   | >100 mg/l    |
| Titanium dioxide     | 13463-67-7 | Water flea     | Experimental  | 48 hours | EC50                   | >100 mg/l    |
| Titanium dioxide     | 13463-67-7 | Diatom         | Experimental  | 72 hours | NOEC                   | 5,600 mg/l   |
| Quartz               | 14808-60-7 | Green Algae    | Estimated   | 72 hours | EC50                   | 440 mg/l     |
| Quartz               | 14808-60-7 | Water flea     | Estimated   | 48 hours | EC50                   | 7,600 mg/l   |
| Quartz               | 14808-60-7 | Zebra Fish     | Estimated   | 96 hours | LC50                   | 5,000 mg/l   |
| Quartz               | 14808-60-7 | Green Algae    | Estimated   | 72 hours | NOEC                   | 60 mg/l      |
| Poly(Vinyl Chloride) | 9002-86-2  |                | Data not available or insufficient for classification |          |                        |              |

**12.2. Persistence and degradability**

| Material                             | CAS Number | Test type                       | Duration | Study Type | Test result | Protocol                            |
|--------------------------------------|------------|---------------------------------|----------|------------|-------------|-------------------------------------|
| Aluminum Oxide Mineral (non-fibrous) | 1344-28-1  | Data not available-insufficient |          |            | N/A         |                                     |
| Filler                               | 1317-65-3  | Data not available-insufficient |          |            | N/A         |                                     |
| Lubricant                            | 64742-54-7 | Experimental Biodegradation     | 28 days  | BOD        | 31 % weight | OECD 301F - Manometric respirometry |
| Titanium dioxide                     | 13463-67-7 | Data not available-insufficient |          |            | N/A         |                                     |
| Quartz                               | 14808-60-7 | Data not available-insufficient |          |            | N/A         |                                     |
| Poly(Vinyl Chloride)                 | 9002-86-2  | Data not available-insufficient |          |            | N/A         |                                     |

**12.3 : Bioaccumulative potential**

| Material | CAS Number | Test type | Duration | Study Type | Test result | Protocol |
|----------|------------|-----------|----------|------------|-------------|----------|
| Aluminum | 1344-28-1  | Data not  | N/A      | N/A        | N/A         | N/A      |

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|                             |            |   |         |                        |     |                                    |
|-----------------------------|------------|---|---------|------------------------|-----|------------------------------------|
| Oxide Mineral (non-fibrous) |            | available or insufficient for classification          |         |                        |     |                                    |
| Filler                      | 1317-65-3  | Data not available or insufficient for classification | N/A     | N/A                    | N/A | N/A                                |
| Lubricant                   | 64742-54-7 | Estimated Bioconcentration                            |         | Bioaccumulation factor | 7.5 | Estimated: Bioconcentration factor |
| Titanium dioxide            | 13463-67-7 | Experimental BCF-Carp                                 | 42 days | Bioaccumulation factor | 9.6 | Other methods                      |
| Quartz                      | 14808-60-7 | Data not available or insufficient for classification | N/A     | N/A                    | N/A | N/A                                |
| Poly(Vinyl Chloride)        | 9002-86-2  | 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**

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.

**3M™ Scotch-Brite™ Products, Surface Conditioning: AMED: Sheets, Hookit™, Rolls, Discs (Roloc™, TN, TP, TR, TS, TSM), Belts, Scrim Belts**

#### **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 an article therefore the Standard for the Uniform Scheduling of Medicines and Poisons Schedule is not applicable.

### **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)**