MATERIAL SAFETY DATA SHEET

ACTICOAT PRODUCT RANGE

ACTICOAT PRODUCT RANGE

SECTION 1 – IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product
Product Name

ACTICOAT PRODUCT RANGE

Other Names

ACTICOAT
ACTICOAT 7
ACTICOAT ABSORBENT
ACTICOAT MOISTURE CONTROL
ACTICOAT SITE
ACTICOAT FLEX 3
ACTICOAT FLEX 7
ACTICOAT POST-OP
ACTICOAT EXFIX

Manufacturer's Product Code
Various

Use
Antimicrobial wound dressings.

Supplier
Company
Smith & Nephew Pty. Limited

Address
315 Ferntree Gully Road, Mount Waverley, Victoria 3149

Telephone No.
Customer Service:
(03) 8540 6777
Toll Free (Australia): 13 13 60
Toll Free (New Zealand): 0800 807 663

Emergency Tel. Nos.
(03) 8540 6777 (business hours)

SECTION 2 – HAZARDS IDENTIFICATION

Hazard Classification
NON-HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS.

Hazards Overview
No health hazard is anticipated during normal handling of this product.
Avoid contact with conductive gels during electronic measurements e.g. EEG or ECG. Do not use on patients undergoing MRI (Magnetic Resonance Imaging) examinations. Contains silver metal. Do not use on patients with a known sensitivity to silver.

Refer to insert leaflet provided with the product for full instructions for use, precautions and contraindications.

Risk Phrases
Not applicable.

Safety Phrases
Not applicable.
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SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coating on dressing:</td>
<td></td>
</tr>
<tr>
<td>Silver</td>
<td>7440-22-4</td>
</tr>
<tr>
<td>Silver Oxide</td>
<td>20667-12-3</td>
</tr>
<tr>
<td>Acticoat / Acticoat 7 fabric consists of:</td>
<td></td>
</tr>
<tr>
<td>High Density Polyethylene Mesh</td>
<td>N/A</td>
</tr>
<tr>
<td>Rayon / Polyester Gauze</td>
<td>N/A</td>
</tr>
<tr>
<td>Acticoat Absorbent non-woven fabric containing:</td>
<td></td>
</tr>
<tr>
<td>Calcium Alginate</td>
<td>9005-35-00</td>
</tr>
<tr>
<td>Acticoat Moisture Control / Acticoat Site / Acticoat ExFix fabric consists of:</td>
<td></td>
</tr>
<tr>
<td>Polyurethane wound contact layer</td>
<td>N/A</td>
</tr>
<tr>
<td>Central polyurethane Foam Layer</td>
<td>N/A</td>
</tr>
<tr>
<td>Blue pigmented polyurethane backing film</td>
<td>N/A</td>
</tr>
<tr>
<td>Acticoat Flex 3 &amp; Acticoat Flex 7 fabric:</td>
<td></td>
</tr>
<tr>
<td>Knitted polyester weave</td>
<td>N/A</td>
</tr>
<tr>
<td>Acticoat Post-Op film and fabric consists of:</td>
<td></td>
</tr>
<tr>
<td>Polyurethane acrylic adhesive-coated film layer</td>
<td>N/A</td>
</tr>
<tr>
<td>Polyurethane foam island pad</td>
<td>N/A</td>
</tr>
</tbody>
</table>

SECTION 4 – FIRST AID MEASURES

| Swallowed                                         | Obtain medical attention. |
| Eye                                               | In the event of eye irritation, flush eyes with flowing water. |
| Skin                                              | Obtain medical attention in the event that irritation develops or persists. |
| Inhaled                                           | Not applicable. |
| First-Aid Facilities                              | Normal washroom facilities nearby. |
| Advice to Doctor                                  | Treat symptomatically. |
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SECTION 5 – FIRE FIGHTING MEASURES

<table>
<thead>
<tr>
<th>Hazards From Combustion Products</th>
<th>The product is a combustible solid which gives off toxic fumes, mainly carbon monoxide and carbon dioxide when ignited.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Suitable Extinguishing Media</td>
<td>According to the surrounding area. Any standard fire extinguisher may be used.</td>
</tr>
<tr>
<td>Fire-fighting Procedures</td>
<td>Wear self-contained breathing apparatus where large quantities of products are burning. Risk of explosion expected to be low.</td>
</tr>
<tr>
<td>Hazchem Code</td>
<td>Not applicable.</td>
</tr>
</tbody>
</table>

SECTION 6 – ACCIDENTAL RELEASE MEASURES

| Spill / Leak Procedures          | Treat used dressings as medical waste. |

SECTION 7 – HANDLING AND STORAGE

| Handling Advice                  | Refer to instructions for use provided with product. |
| Storage Advice                   | Store in cool (<25°C) dry environment, away from strong oxidising agents. Keep away from moisture. Protect from light. Avoid extreme heat. |

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

| Exposure Standards               | ACGIH TLV (2000): Silver 0.1 mg/m³; Silver oxide 0.1 mg/m³. |
|                                 | LC₅₀ / LD₅₀: Silver – not available; Silver oxide Oral LD₅₀ Rat: 2820 mg/kg. |
| Engineering Controls            | Not required. |
| Personal Protection             | No special handling procedures required. |
SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odour
Solid fabric wound dressing.
Acticoat, Acticoat 7, Acticoat Moisture Control, Acticoat Site and Acticoat ExFix are blue on top, metallic silver on bottom.
Acticoat Absorbent, Acticoat Flex 3 and Acticoat Flex 7 are grey/brown in colour. No odour; metallic taste.
Acticoat Post-Op is a white island dressing surrounded by an adhesive film.

Melting Point / Boiling Point
Melting / Sublimation Point: 120°C.

Vapour Pressure
Not applicable.

Vapour Density (Air=1)
Not applicable.

Specific Gravity
Not determined.

Flashpoint
Not available.

Flammability Limits (FL) (%)
Not available.

Autoignition Temperature
Not available.

Solubility in Water (g/L)
Silver coating is sparingly soluble in water.
For Acticoat Absorbent: fibre will gel or dissolve in an aqueous solution containing sodium or certain ions.

Percent volatile by volume
Less than 1%.

SECTION 10 – STABILITY AND REACTIVITY

Stability
Stable.

Conditions to Avoid
Naked flames and ignition sources.

Incompatible Materials
The silver coating is incompatible with these products: acetylene, acids, amines, ammonia, hydrazine, metal sulphides, peroxides, strong oxidisers.

Hazardous Decomposition
Carbon monoxide, carbon dioxide.

Hazardous Polymerisation
Not expected to occur.

SECTION 11 - TOXICOLOGICAL INFORMATION

Acute Effects
Ingested
Ingestion of the product may cause a choking hazard or internal blockage.

Corneal irritation may occur as a result of mechanical abrasion.

Skin
Skin irritation may result as an allergic reaction to the silver content of the dressing. Some individuals may be sensitised to silver metal, resulting in temporary discoloration of affected areas or rashes and irritation.

Inhaled
The product does not present an inhalation hazard.
SECTION 11 - TOXICOLOGICAL INFORMATION (cont.)

Chronic Effects: Excessive or chronic exposure to silver by skin contact or ingestion may cause Argyrosis – a local or generalised discolouration of the eyes, skin and mucous membranes, where grey or blue patches of pigmentation are formed.

SECTION 12 – ECOLOGICAL INFORMATION

Environmental Issues: No environmental issues expected. Outer cardboard packaging material may be separated for recycling.
Persistence & Degradability: Not available.
Mobility: Not available.

SECTION 13 – DISPOSAL CONSIDERATIONS

Method of Disposal: In accordance with local waste regulations. Used material must be disposed of in accordance with infectious waste regulations.

SECTION 14 – TRANSPORT INFORMATION

Classification: Not classified as a Dangerous Good according to the Australian Code for Transport of Dangerous Goods by Road and Rail.
UN No.: Not applicable.
Class: Not applicable.
Subsidiary Risk(s): Not applicable.
Packing Group: Not applicable.
Hazchem Code: Not applicable.
Shipping Name: Not applicable.
Other: Not applicable.

SECTION 15 – REGULATORY INFORMATION

Poison Schedule: Not a Scheduled Poison.
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MSDS No. 179

SECTION 16 – OTHER INFORMATION

<table>
<thead>
<tr>
<th>CONTACT POINT :</th>
<th>CUSTOMER SERVICE</th>
<th>Telephone: (03) 8540 6777</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date of Issue:</td>
<td>12/02/2013</td>
<td></td>
</tr>
</tbody>
</table>

This MSDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company. Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available on request.

END OF DOCUMENT