

MATERIAL SAFETY DATA SHEET

ACTICOAT PRODUCT RANGE

MSDS No. 179

SECTION 1 – IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product

Product Name ACTICOAT PRODUCT RANGE

Other Names

ACTICOAT Antimicrobial Barrier Dressing
 ACTICOAT 7 Antimicrobial Barrier Dressing
 ACTICOAT ABSORBENT Antimicrobial Dressing
 ACTICOAT MOISTURE CONTROL Absorbent Antimicrobial Dressing
 ACTICOAT SITE Antimicrobial Barrier Dressing

Manufacturer's Product Code Use

Various
 Antimicrobial wound dressing.

Supplier

Company

Smith & Nephew Pty. Limited

Address

315 Ferntree Gully Road, Mount Waverley, Victoria 3149

Telephone No.

Customer Service:
 (03) 8540 6777 (Toll Free 13 13 60)

Emergency Tel. Nos.

(03) 8540 6777 (business hours)

SECTION 2 – HAZARDS IDENTIFICATION

Hazard Classification

NON-HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS.

Hazards Overview

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. Possible sensitisation in some individuals.

Risk Phrases

Not applicable.

Safety Phrases

Not applicable.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS No.
<i>Coating on dressing :</i>	
Silver	7440-22-4
Silver Oxide	20667-12-3
<i>Acticoat / Acticoat 7 fabric consists of:</i>	
High Density Polyethylene Mesh	N/A
Rayon / Polyester Gauze	N/A

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<i>Acticoat Absorbent non-woven fabric containing:</i> Calcium Alginate	9005-35-00
<i>Acticoat Moisture Control / Acticoat Site fabric consists of:</i> Polyurethane wound contact layer	N/A
Central polyurethane Foam Layer	N/A
Blue pigmented polyurethane backing film	N/A

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.

SECTION 5 – FIRE FIGHTING MEASURES

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

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Spill / Leak Procedures	Treat used dressings as medical waste.
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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* and *Acticoat Site* are blue on top, metallic silver on bottom.
Acticoat Absorbent is grey/brown in colour. No odour; metallic taste.

Melting Point / Boiling Point Melting / Sublimation Point: 120°C.
Vapour Pressure Not applicable.
Vapour Density (Air=1) Not applicable.
Specific Gravity >1
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%.

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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 Products	Carbon monoxide, carbon dioxide.
Hazardous Polymerisation	Not expected to occur.

SECTION 11 - TOXICOLOGICAL INFORMATION

Acute Effects	
Swallowed	Ingestion of the product may cause a choking hazard or internal blockage.
Eye	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 discolouration of affected areas or rashes and irritation.
Inhaled	The product does not present an inhalation hazard.
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.
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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.

SECTION 16 – OTHER INFORMATION

CONTACT POINT :	CUSTOMER SERVICE	Telephone: (03) 8540 6777
Date of Issue:	13/06/2008	
<p>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.</p>		

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