SECTION 1 – IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product
Product Name: OPSITE MOISTURE VAPOUR PERMEABLE SPRAY DRESSING
Other Names: OPSITE SPRAY
Manufacturer's Product Code: 66004978
Use: Spray dressing for dry wounds.

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. DANGEROUS GOODS.
Hazardous Overview: Flammable aerosol liquid. The contents are highly flammable and are under pressure.

Risk Phrases: Not applicable.
Safety Phrases: Not applicable.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>Proportion</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethyl Acetate</td>
<td>141-78-6</td>
<td>&lt;10% v/v</td>
</tr>
<tr>
<td>Acetone</td>
<td>67-64-1</td>
<td>30-60% v/v</td>
</tr>
<tr>
<td>Butane 40</td>
<td>106-97-8</td>
<td>10-30% v/v</td>
</tr>
<tr>
<td>Dimethyl Ether</td>
<td>115-10-6</td>
<td>10-30%</td>
</tr>
<tr>
<td>Isopropyl Alcohol</td>
<td>67-63-0</td>
<td>10-30%</td>
</tr>
<tr>
<td>Acrylic Copolymer</td>
<td>Confidential</td>
<td>&lt;10%</td>
</tr>
</tbody>
</table>
SECTION 4 – FIRST AID MEASURES

First Aid
Swallowed    DO NOT induce vomiting. Give water to drink. Get medical attention immediately.
Eye    Rinse eye with water for 15 minutes, whilst lifting eyelid. Get medical attention if effects persist.
Skin    Wash thoroughly with soap and water. Get medical attention if effects persist.
Inhaled    Move individual to fresh air. Seek medical attention if effects persist. Restore and/or support breathing as required.
First-Aid Facilities    Eye wash plus normal washroom facilities nearby.
Advice to Doctor    Take care to avoid aspiration into the lungs if the patient vomits.

SECTION 5 – FIRE FIGHTING MEASURES

Hazards From Combustion Products    Hazardous products of combustion include acetic acid and oxides of carbon.
Suitable Extinguishing Media    Water spray or fog, dry chemical, foam, carbon dioxide. Water spray can be used to keep fire-exposed containers cool.
Fire-fighting Procedures    Wear self-contained breathing apparatus and wear full protective clothing when fighting fires.
    Undamaged aerosol cans are unlikely to cause a fire, however they can be ignited in a fire situation and contribute highly flammable fuel to the fire. If unrestrained they can rocket and start several simultaneous fires and cause the fire protection system to be overwhelmed.
    Leaking containers will form vapours that are heavier than air and may travel a long distance to an ignition source and flashback.
Hazchem Code    Not applicable.
SECTION 6 – ACCIDENTAL RELEASE MEASURES

Spill / Leak Procedure
Eliminate sources of ignition. Stop source of spill. Prevent from entering sewer, drains or other bodies of water.

Absorb spill with sand or vermiculite and place in a sealed, labelled container for disposal.

SECTION 7 – HANDLING AND STORAGE

Handling Advice
Always invert can for use. DO NOT spray near eyes. Avoid inhalation. DO NOT spray near naked lights as contents are highly flammable. AVOID USE in confined spaces.

Storage Advice
Store in a cool, well-ventilated area away from sources of ignition, heat, sparks, flames and strong oxidising agents. Do not store in confined spaces such as basements. Do not store near exits, as the aerosols may become a significant danger in the event of fire. Handle carefully, pallet loads should be stored in cages, so that in the event of a fire, flammable aerosol propellant cans cannot rocket and start several simultaneous fires.

Store in accordance with Dangerous Goods (Storage & Handling) Regulations.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards

<table>
<thead>
<tr>
<th>Substance</th>
<th>TWA ppm (mg/m³)</th>
<th>STEL ppm (mg/m³)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethyl Acetate</td>
<td>200 (720)</td>
<td>400 (1440)</td>
</tr>
<tr>
<td>Acetone</td>
<td>500 (1185)</td>
<td>1000 (2375)</td>
</tr>
<tr>
<td>Butane</td>
<td>800 (1900)</td>
<td></td>
</tr>
<tr>
<td>Dimethyl Ether</td>
<td>400 (760)</td>
<td>500 (950)</td>
</tr>
<tr>
<td>Isopropyl Alcohol</td>
<td>400 (983)</td>
<td>500 (1230)</td>
</tr>
</tbody>
</table>

Engineering Controls

Provide good ventilation. Keep separate from ignition sources. Do not use in confined spaces. Preferably store pallet load quantities in cages, to prevent rocketing in a fire situation.
MATERIAL SAFETY DATA SHEET

OPSITE MOISTURE VAPOUR PERMEABLE SPRAY DRESSING  
MSDS No. 49

Personal Protection

The wearing of eye protection is advisable. Please note the product contains acetate which may react with non-latex/synthetic gloves. Wear solvent resistant gloves (e.g. butyl rubber) and eye protection. Avoid breathing vapours. An organic vapour respirator, meeting AS/NZS 1715/1716, may be required, if local exhaust is not available, and the product is discharged for an extensive time.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odour

Pressurised 110 ml aluminium monobloc aerosol can, containing an: acrylic polymer, flammable solvent and flammable propellant gas. With a strong acetone / ethyl acetate / alcohol odour.

Melting Point / Boiling Point

Melting Point: Not determined
Boiling Point: Not determined

Vapour Pressure

Not available.

Vapour Density (Air=1)

Not available.

Specific Gravity

Not available.

Flashpoint

-20°C

Flammability Limits (FL) (%)

Lower FL: 1.8%  
Upper FL: 27%

Autoignition Temperature

Not determined.

Solubility in Water (g/L)

Not available.

Percent volatile by volume

>80%

SECTION 10 – STABILITY AND REACTIVITY

Stability

Stable at room temperature, hydrolysed by strong acids.

Conditions to Avoid

Heat and ignition sources and exposure to direct sunlight.

Incompatible Materials

Avoid contact with strong oxidising agents, acids and bases.

Hazardous Decomposition Products

Acetic acid, combustion will generate oxides of carbon. Will not occur.
SECTION 11 - TOXICOLOGICAL INFORMATION

Acute Effects
Swallowed: May be harmful if swallowed. It may cause gastrointestinal irritation and dizziness.
Eye: May cause irritation by direct liquid contact with the eye.
Skin: The solvents in this aerosol can degrease the skin and cause redness and dryness.
Inhaled: May be harmful if inhaled. Vapours or mists may cause upper respiratory tract irritation.

Chronic Effects: Chronic or repeated exposure will cause defatting of the skin, and may lead to irritation and dermatitis. Chronic inhalation over exposure may have a narcotic effect. Prolonged and repeated over exposure may cause liver and kidney damage.

SECTION 12 - ECOLOGICAL INFORMATION

Environmental Issues: A slightly water polluting substance. Avoid release to sewers and watercourses. Rated as practically non-toxic to aquatic species.
Persistence & Degradability: The product is readily biodegradable in aerobic systems using either salt water or fresh water inocula. The polymeric material will initially coagulate.
Mobility: The product is volatile/gaseous and will partition to the air phase.

SECTION 13 – DISPOSAL CONSIDERATIONS

Method of Disposal: Absorb spill with sand or vermiculite and place in a sealed, labelled container for disposal.

Dispose of in accordance with local waste regulations. Never incinerate aerosol can, even when empty they are an explosion hazard. If incinerated they will explode.
MATERIAL SAFETY DATA SHEET

OPSITE MOISTURE VAPOUR PERMEABLE SPRAY DRESSING  

MSDS No. 49

SECTION 14 – TRANSPORT INFORMATION

<table>
<thead>
<tr>
<th>Classification</th>
<th>Classified as a Dangerous Good according to the Australian Code for Transport of Dangerous Goods by Road and Rail.</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN No.</td>
<td>1950</td>
</tr>
<tr>
<td>Class</td>
<td>2.1</td>
</tr>
<tr>
<td>Subsidiary Risk(s)</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Packing Group</td>
<td>II</td>
</tr>
<tr>
<td>Hazchem Code</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Shipping Name</td>
<td>AEROSOLS</td>
</tr>
<tr>
<td>Other</td>
<td>Transport and label in accordance with the Australian Code for Transport of Dangerous Goods by Road and Rail.</td>
</tr>
</tbody>
</table>

SECTION 15 – REGULATORY INFORMATION

Poison Schedule | Not a Scheduled Poison.

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>13/06/2008</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