

PRODUCT SAFETY DATA SHEET

1. **PRODUCT NAME(S):** OPSITE Moisture Vapour Permeable Spray Dressing

2. **INTENDED USES:**

Spray dressing for dry wounds. 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.

3. **COMPOSITION:**

Contains an acrylic copolymer, ethyl acetate, acetone, isopropyl alcohol, and propellants, (butane 40 and dimethyl ether), within an aluminium monobloc can. The container is pressurised.

4: **PHYSICAL AND CHEMICAL PROPERTIES:**

	<u>Flash Point (°C)</u>	<u>Explosive Limit (%)</u>	<u>Autoignition Temp. (°C)</u>
Ethyl Acetate	-4	2.2 - 11.0	480
Acetone	-20	3.0 - 13.0	465
Butane 40	<0	1.8 - 10.0	410
Dimethyl Ether	-6	3.4 - 27.0	644
Isopropyl Alcohol	12	2.0 - 12.0	460

Contents are highly flammable

Contents are pressurised

5. HEALTH HAZARDS:

No health hazard is anticipated during normal handling of this product, however, avoid contact with eyes and inhalation (over exposure may have narcotic effect, extreme exposure may cause suffocation). Acetone, ethyl acetate and dimethyl ether can degrease the skin. Prolonged inhalation may cause liver and kidney damage.

	<u>OES (ppm)</u>	<u>MEL (ppm)</u>
Ethyl acetate	400 (8hr TWA) 1400 (10min TWA)	-
Acetone	750 (8hr TWA) 1500 (10min TWA)	-
Butane 40	600 (8hr TWA) 750 (10min TWA)	-
Dimethyl ether	-	-
Isopropyl alcohol	400 (8hr TWA) 500 (10min TWA)	-

6. FIRE HAZARD AND EMERGENCY ACTION:

The contents are highly flammable and are pressurised. Containers may explode if incinerated.

Undamaged aerosols are unlikely to be the cause of fire, but they can be ignited in a fire situation and contribute fuel to a fire. Aerosols containing flammable materials may produce a fierce fire with toxic gases evolved such as carbon monoxide, carbon dioxide, hydrogen chloride gas and phosgene gas.

Use water spray, dry powder or vapourising liquid fire fighting equipment. Wear self-contained breathing apparatus.

7. STORAGE PRECAUTIONS:

Always handle carefully, especially in pallet quantities. Store in a cool, dry place. Keep away from sources of ignition. Do not store near exits. Avoid storing in basements.

8. TRANSPORT PRECAUTIONS:

Handle carefully, especially in pallet quantities. Flammable gas. Flash point -20°C .

9. HANDLING/USE/PROTECTIVE CLOTHING:

Handle carefully - avoid puncturing the can(s). The wearing of eye protection and gloves is advisable. AVOID USE in confined space.

10. DISPOSAL:

Never incinerate even when empty. Local authorities will allow occasional cans for landfill or normal refuse but require notification for large quantities.

11. FIRST AID:

- a) **Inhalation** - Remove to fresh air. If unconscious move to recovery position. Seek Medical aid.
- b) **Contact with skin** - Not applicable.
- c) **Contact with eyes** - Flush with clean water for 10 minutes. Seek medical aid.
- d) **Ingestion** - Do not induce vomiting. If patient vomits turn into recovery position. Give water to drink. Seek medical aid.

12. ADDITIONAL INFORMATION:

1. Guide to Good Practice for the storage of Aerosols in Manufacturing/Wholesale, Warehouses and Retail Stores (British Aerosol Manufacturers Association 1989).
2. Health and Safety Executive Guidance Note EH40.

13. NAME, ADDRESS AND TELEPHONE NUMBER OF SUPPLIER:

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Smith & Nephew Medical Limited
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14. REFERENCE NUMBER, DATE OF ISSUE : March 2007

This information is provided in accordance with the requirements of the UK Health and Safety at Work Act 1974, and specifically in order to assist users of the product to make their 'assessment of health risks' as required by the UK Control of Substances Hazardous to Health Regulation 1988 (COSHH assessments). Provision of this information does not preclude users from seeking advice from other sources as indicated in the COSHH guides.

This information is intended to cover potential hazards at the place of work and does not detail medical uses, indications, contra-indications and precautions for the treatment of patients.