

# MATERIAL SAFETY DATA SHEET

## OPSITE<sup>®</sup> Spray

### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** OPSITE<sup>®</sup> Spray

**PRODUCT USE:** Transparent quick drying aerosol film dressing.

**CONTACT:** Smith & Nephew Inc.

**ADDRESS:** 2280 Argentia Road, Mississauga (Ontario) Canada L5N 6H8 Phone: 1 800 463-7439

**DATE:** January 2014

### SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

<u>Ingredient Name</u>	<u>CAS Number</u>	<u>% wt or % vol</u>
Acrylic Polymer	N/A	Proprietary
Ethyl acetate	N/A	Proprietary
Acetone	N/A	Proprietary
Isopropyl Alcohol	N/A	Proprietary
Butane 40	N/A	Proprietary
Dimethyl Ether	N/A	Proprietary

### SECTION 3: HAZARDS IDENTIFICATION

#### ☆☆☆☆☆ EMERGENCY OVERVIEW ☆☆☆☆☆

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**ROUTES OF ENTRY:** Eyes, skin, ingestion, and inhalation

#### POTENTIAL HEALTH EFFECTS

##### ACUTE HEALTH HAZARDS:

**Eyes:** Do not spray near eyes. May be irritating to eyes.

**Skin:** No health effects are expected. Acetone, ethyl acetate and dimethyl ether can degrease the skin.

**Ingestion:** Not determined.

**Inhalation:** Avoid inhalation. Over exposure may have narcotic effect, extreme exposure may cause suffocation.

Prolonged inhalation may cause liver and kidney damage.

**CHRONIC HEALTH HAZARDS:** No health effects are expected.

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** No health effects are expected.

### SECTION 4: FIRST AID MEASURES

**EYES:** Flush eyes (including under lids) with copious amounts of water for at least 10 minutes. Seek medical aid.

**SKIN:** No need for first aid is anticipated.

**INGESTION:** Do not induce vomiting. If patient vomits turn into recovery position. Give water to drink. Seek medical aid.

**INHALATION:** Remove to fresh air. If unconscious move to recovery position. Seek medical aid.

*After first aid, get appropriate in-plant, paramedic, or community medical support.*

**SPECIAL PRECAUTIONS / PROCEDURES:** None

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### SECTION 5: FIRE-FIGHTING MEASURES

	FLASH POINT (°C)	FLAMMABLE LIMITS IN AIR (% BY VOLUME)	AUTOIGNITION TEMPERATURE (°C)
Ethyl acetate	-9	2.6 – 12.8	465
Acetone	-20	3.0 – 13.0	465
Isopropyl Alcohol	< 0	1.8 – 10.0	410
Butane 40	-41	3.4 – 27.0	350
Dimethyl Ether	12	2.0 – 12.0	460

#### NFPA HAZARD CLASSIFICATION

**HEALTH:** Not determined

**FLAMMABILITY:** Not determined

**REACTIVITY:** Not determined

**OTHER:** Not determined



**EXTINGUISHING MEDIA:** Water, dry powder or vapourising liquid fire fighting equipment.

**SPECIAL FIRE FIGHTING PROCEDURES:** Self-contained breathing apparatus and protective clothing should be worn.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** The contents are highly flammable and are pressurized. 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.

**HAZARDOUS DECOMPOSITION PRODUCTS:** 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.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

**SMALL SPILLS:** Wipe up spills, rinse with water.

#### LARGE SPILLS

**Containment:** Contain and absorb using earth, sand or other inert material. Transfer into suitable containers for recovery or disposal. Prevent material from entering drains or water courses.

**Cleanup:** Flush area with plenty of water.

**Regulatory Requirements:** N/A

### SECTION 7: HANDLING AND STORAGE

**HANDLING PRECAUTIONS:** Handle carefully – avoid puncturing the can. Keep away from sources of ignition - no smoking.

**STORAGE REQUIREMENTS:** Store in a cool, dry place ≤ 25° C (77° F). Protect from sunlight and do not expose to temperatures exceeding 50°C. Do not store near exits. Avoid storing in basements.

**OTHER PRECAUTIONS / REGULATORY REQUIREMENTS:** N/A

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**ENGINEERING CONTROLS:** None required.

**VENTILATION:** General ventilation recommended.

#### PERSONNAL PROTECTIVE EQUIPMENT

**Respiratory Protection:** None required for normal use.

**Eye Protection:** None required for normal use. Do not spray near eyes.

**Skin Protection:** None required for normal use.

**Other Protective Clothing or Equipment:** None required for normal use.

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**WORK HYGIENIC PRACTICES:** Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>APPEARANCE:</b>	Clear, colorless, highly viscous liquid	<b>BOILING POINT:</b>	Not determined
<b>PHYSICAL STATE:</b>	Liquid	<b>MELTING POINT:</b>	Not determined
<b>ODOR:</b>	Compares with ethyl acetate standard	<b>FREEZING POINT:</b>	Not determined
<b>pH (@ 25° C):</b>	Not determined	<b>WATER SOLUBILITY:</b>	Not determined
<b>VAPOR PRESSURE (mmHg):</b>	Not determined	<b>OTHER SOLUBILITIES:</b>	Not determined
<b>VAPOR DENSITY (AIR = 1):</b>	Not determined	<b>VOLATILE ORGANIC COMPOUNDS (VOC):</b>	Not determined
<b>SPECIFIC GRAVITY (H<sub>2</sub>O = 1, at 20° C):</b>	0.805 – 0.821	<b>% VOLATILE:</b>	Not determined
<b>DENSITY:</b>	Not determined	<b>EVAPORATION RATE:</b>	Not determined
<b>VISCOSITY:</b>	Not determined		

### SECTION 10: STABILITY AND REACTIVITY

**CHEMICAL STABILITY:** Stable under normal conditions, hydrolysed by strong acids.

**HAZARDOUS POLYMERIZATION:** Hazardous polymerization will not occur.

**CONDITIONS TO AVOID (STABILITY / POLYMERIZATION):** High temperatures, exposure to direct sunlight.

**INCOMPATIBILITY (MATERIAL TO AVOID):** Strong acids, strong bases, strong oxidizing agents.

**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** Acetic acid, combustion will generate oxides of carbon.

### SECTION 11: TOXICOLOGICAL INFORMATION

#### ACUTE DATA

<b>Eye irritation:</b>	None known
<b>Skin irritation</b>	None
<b>Inhalation:</b>	None known
<b>Oral:</b>	None known

#### CHRONIC DATA

<b>Chronic effects:</b>	None known
<b>Carcinogenicity:</b>	None known
<b>Mutagenicity:</b>	None
<b>Teratogenicity:</b>	None known

### SECTION 12: ECOLOGICAL INFORMATION

**ECOTOXICITY:** Non-toxic

**ENVIRONMENTAL FATE:** Degradable

**ENVIRONMENTAL DEGRADATION:** Not determined.

**SOIL ABSORPTION / MOBILITY:** Not determined.

### SECTION 13: DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL METHOD:** NEVER INCINERATE EVEN WHEN EMPTY. Discard any product, residue, disposable container or liner in full compliance with federal, state, and local regulations. The state and local regulations may differ from federal regulatory requirements, and laws may change or be reinterpreted. This information only applies to the material as manufactured. Processing, use, or contamination may make the information inappropriate, inaccurate, or incomplete.

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Responsibility for proper waste disposal is with the owner of the waste. Contact your supplier or a licensed contractor for detailed recommendations.

**DISPOSAL REGULATORY REQUIREMENTS:** None known.

**CONTAINER CLEANING AND DISPOSAL:** Dispose of container and unused contents in accordance with federal, state and local regulations.

### SECTION 14: TRANSPORT INFORMATION

#### GROUND TRANSPORTATION

**Transportation of Dangerous Goods (TDG) Act & Regulations:** Article 1.17 - Limited Quantities Exemption

#### AIR TRANSPORTATION & MARINE TRANSPORTATION

The user should contact Smith & Nephew if information regarding air and marine transportation mean is needed.

### SECTION 15: REGULATORY INFORMATION

**REGULATIONS:** N/A

### SECTION 16: OTHER INFORMATION

**PREPARATION INFORMATION:** Smith & Nephew Inc.

#### DISCLAIMER:

The MSDS summarises our best knowledge of the health and safety hazard information of the product as of the date above. It is intended for use by persons having technical skill and at their own discretion and risk. Users should read this MSDS and consider the information in the context of how the product will be handled and used, whether singly or in combination with other products. Since conditions of use are outside Smith & Nephew's control, Smith & Nephew makes no warranties, whether express, implied or statutory, as to the product which is the subject of this document, and assumes no liability in connection with any use of this information. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact Smith & Nephew.