

MATERIAL SAFETY DATA SHEET

OPSITE[®] Spray

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: OPSITE[®] 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 2017

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

APPEARANCE:	Clear, colorless, highly viscous liquid	BOILING POINT:	Not determined
PHYSICAL STATE:	Liquid	MELTING POINT:	Not determined
ODOR:	Compares with ethyl acetate standard	FREEZING POINT:	Not determined
pH (@ 25° C):	Not determined	WATER SOLUBILITY:	Not determined
VAPOR PRESSURE (mmHg):	Not determined	OTHER SOLUBILITIES:	Not determined
VAPOR DENSITY (AIR = 1):	Not determined	VOLATILE ORGANIC COMPOUNDS (VOC):	Not determined
SPECIFIC GRAVITY (H₂O = 1, at 20° C):	0.805 – 0.821	% VOLATILE:	Not determined
DENSITY:	Not determined	EVAPORATION RATE:	Not determined
VISCOSITY:	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

Eye irritation:	None known
Skin irritation	None
Inhalation:	None known
Oral:	None known

CHRONIC DATA

Chronic effects:	None known
Carcinogenicity:	None known
Mutagenicity:	None
Teratogenicity:	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.