

# Material Safety Data Sheet

**Material Name: Secura No Sting Barrier Film Spray**

## \*\*\* Section 1 - Chemical Product and Company Identification \*\*\*

### Manufacturer Information

Smith & Nephew, Inc.  
970 Lake Carillon Drive  
Suite 110  
St. Petersburg, FL 33716

Phone: (727) 392-1261

Fax: (727) 399-3498

## \*\*\* Section 2 - Hazards Identification \*\*\*

### Emergency Overview

Flammable. May cause eye, skin and respiratory tract irritation.

### Potential Health Effects: Eyes

May cause irritation.

### Potential Health Effects: Skin

May cause skin irritation.

### Potential Health Effects: Ingestion

Not considered a likely route of exposure under normal product use conditions. May be harmful if swallowed.

### Potential Health Effects: Inhalation

May cause respiratory tract irritation.

**HMIS Ratings: Health: 1 Fire: 4 HMIS Reactivity 0**

**Hazard Scale:** 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe \* = Chronic hazard

## \*\*\* Section 3 - Composition / Information on Ingredients \*\*\*

CAS #	Component	Percent
107-46-0	Hexamethyldisiloxane	<100

## \*\*\* Section 4 - First Aid Measures \*\*\*

### First Aid: Eyes

Separate eyelids; wash the eyes thoroughly with water (15 min.).

### First Aid: Skin

When in contact with the skin, clean with soap and water.

### First Aid: Ingestion

Do not induce vomiting unless directed to do so by medical personnel.

### First Aid: Inhalation

Remove affected person from the immediate area. Ensure supply of fresh air.

## \*\*\* Section 5 - Fire Fighting Measures \*\*\*

### General Fire Hazards

See Section 9 for Flammability Properties.

Product is flammable. Avoid ignition sources.

### Hazardous Combustion Products

Oxides of carbon

### Extinguishing Media

Extinguishing powder; Sand; Alcohol-resistant foam; Carbon dioxide

### Fire Fighting Equipment/Instructions

Use self-contained breathing apparatus. Wear protective clothing. Cool endangered containers with water spray jet.

Suppress gases/vapors/mists with water spray jet.

**NFPA Ratings: Health: 1 Fire: 4 Reactivity: 0**

**Hazard Scale:** 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

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## \*\*\* Section 6 - Accidental Release Measures \*\*\*

### Containment Procedures

Do not discharge into the drains/surface waters/groundwater.

### Clean-Up Procedures

Pick up with absorbent material (e.g., sand, acid binder, universal binder, sawdust). Send in suitable containers for recovery or disposal.

### Evacuation Procedures

Isolate area. Keep unnecessary personnel away.

### Special Procedures

None.

## \*\*\* Section 7 - Handling and Storage \*\*\*

### Handling Procedures

Provide good ventilation of working area (local exhaust ventilation, if necessary). If workplace exposure limits are exceeded, respiratory protection approved for this particular job must be worn. Product inherent handling risks must be minimized taking the appropriate measures for protection and preventive actions. The working process should be designed to rule out the release of hazardous substances or skin contact as far it is possible by the state of the art. Vapors can form an explosive mixture with air. Take precautionary measures against static charges. Keep away from sources of heat and ignition. Use explosion-proof equipment/fittings and non-sparking tools.

### Storage Procedures

Containers which are opened must be carefully resealed and kept upright to prevent leakage. Always keep in containers of same material as the original one. Keep container tightly closed and dry in a cool, well-ventilated place. Protect from heat and direct sunlight.

## \*\*\* Section 8 - Exposure Controls / Personal Protection \*\*\*

### A: Component Exposure Limits

ACGIH, OSHA, and NIOSH have not developed exposure limits for any of this product's components.

### Engineering Controls

None required under normal product use conditions.

### PERSONAL PROTECTIVE EQUIPMENT

#### Personal Protective Equipment: Eyes/Face

Wear safety glasses with side shields.

#### Personal Protective Equipment: Skin

Use appropriate clothing for the industrial setting.

#### Personal Protective Equipment: Respiratory

If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of aerosol and mist formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified.

#### Personal Protective Equipment: General

Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Avoid contact with eyes and skin. Remove soiled or soaked clothing immediately. Do not inhale vapors. Wash hands before breaks and after work.

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## \*\*\* Section 9 - Physical & Chemical Properties \*\*\*

<b>Appearance:</b>	Colorless	<b>Odor:</b>	None
<b>Physical State:</b>	Liquid	<b>pH:</b>	ND
<b>Vapor Pressure:</b>	ND	<b>Vapor Density:</b>	0.76 g/cm <sup>3</sup>
<b>Boiling Point:</b>	37°C	<b>Melting Point:</b>	NA
<b>Solubility (H<sub>2</sub>O):</b>	Insoluble	<b>Specific Gravity:</b>	ND
<b>Evaporation Rate:</b>	ND	<b>VOC:</b>	ND
<b>Octanol/H<sub>2</sub>O Coeff.:</b>	ND	<b>Flash Point:</b>	-1°C
<b>Flash Point Method:</b>	ND	<b>Upper Flammability Limit (UFL):</b>	ND
<b>Lower Flammability Limit (LFL):</b>	ND	<b>Burning Rate:</b>	ND
<b>Auto Ignition:</b>	ND		

## \*\*\* Section 10 - Chemical Stability & Reactivity Information \*\*\*

### Chemical Stability

This is a stable material.

### Chemical Stability: Conditions to Avoid

None.

### Incompatibility

None.

### Hazardous Decomposition

Oxides of carbon.

### Possibility of Hazardous Reactions

Will not occur.

## \*\*\* Section 11 - Toxicological Information \*\*\*

### Acute Dose Effects

#### A: General Product Information

No information available for the product.

#### B: Component Analysis - LD<sub>50</sub>/LC<sub>50</sub>

##### Hexamethyldisiloxane (107-46-0)

Inhalation LC<sub>50</sub> Rat >48 mg/L 1 h; Oral LD<sub>50</sub> Rat >5000 mg/kg; Dermal LD<sub>50</sub> Rabbit 16 mL/kg

### Carcinogenicity

#### A: General Product Information

No information available for the product.

#### B: Component Carcinogenicity

None of this product's components are listed by ACGIH, IARC, OSHA, NIOSH, or NTP.

## \*\*\* Section 12 - Ecological Information \*\*\*

### Ecotoxicity

#### A: General Product Information

No information available for the product.

#### B: Component Analysis - Ecotoxicity - Aquatic Toxicity

##### Hexamethyldisiloxane (107-46-0)

###### Test & Species

96 Hr LC <sub>50</sub> Oncorhynchus mykiss	3.02 mg/L [flow-through]
24 Hr EC <sub>50</sub> Daphnia magna	314 mg/L

###### Conditions

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## \*\*\* Section 13 - Disposal Considerations \*\*\*

**Waste Disposal Instructions:** All wastes must be handled in accordance with applicable Federal, State, and Local/Municipal ordinances regarding disposal. Since regulations may vary, consult applicable regulations or authorities before disposal.

**US EPA Hazardous Waste Number (RCRA):** D001 (Ignitable)

## \*\*\* Section 14 - Transportation Information \*\*\*

### US DOT (49 CFR 172) & IATA Information

**Proper Shipping Name:** Flammable liquid, n.o.s. (Hexamethyldisiloxane)  
**UN Number:** 1993  
**Class:** 3  
**PG:** II

**North American Emergency Response Guidebook Number (2012):** 128

#### Notes:

1. May qualify for transportation under 'Limited Quantities' and/or 'Excepted Quantities' provisions. Consult applicable DOT, IMDG, IATA/ICAO regulations depending on transportation mode.
2. May qualify for transportation under 'Consumer Commodity ORM-D' provisions. Consult applicable DOT, IMDG, IATA/ICAO regulations depending on transportation mode.

## \*\*\* Section 15 - Regulatory Information \*\*\*

### US Federal Regulations

#### Component Analysis

None of this product's components are listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), or CERCLA (40 CFR 302.4).

### State Regulations

#### Component Analysis - State

None of this product's components are listed on the state lists from CA, MA, MN, NJ, PA, or RI.

#### Component Analysis - WHMIS IDL

No components are listed in the WHMIS IDL.

### Additional Regulatory Information

#### Component Analysis - Inventory

Component	CAS #	TSCA	CAN	EEC
Hexamethyldisiloxane	107-46-0	Yes	DSL	EINECS

## \*\*\* Section 16 - Other Information \*\*\*

### Other Information

The information herein is presented in good faith and believed to be accurate as of the effective date given. However, no warranty, expressed or implied, is given. It is the buyer's responsibility to ensure that its activities comply with Federal, State or provincial, and local laws.

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## **Key/Legend**

EPA = Environmental Protection Agency; TSCA = Toxic Substance Control Act; ACGIH = American Conference of Governmental Industrial Hygienists; IARC = International Agency for Research on Cancer; NIOSH = National Institute for Occupational Safety and Health; NTP = National Toxicology Program; OSHA = Occupational Safety and Health Administration., NJTSR = New Jersey Trade Secret Registry.