Product Safety Data Sheet
SECURA™ No Sting Barrier Film Spray

Approvals

Author Name: Elizabeth Stutzmman
Signature Date/Time: 06 DEC 2018 22:13 UTC
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Representation: Author Signature
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Signatory Name: Jennifer Tutt
Signature Date/Time: 07 DEC 2018 15:17 UTC
Global Date/Time: 07 DEC 2018 15:17 UTC
Representation: Additional Signature
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Signatory Name: Jack Holbrough
Signature Date/Time: 10 DEC 2018 15:56 UTC
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Product Safety Data Sheet
SECURA™ No Sting Barrier Film Spray

1a) PRODUCT NAME(S)
Product Identity       SECURA™ No Sting Barrier Film Spray
Alternate Names       SECURA™ No Sting Prep Spray

1b) INTENDED USE(S):
Intended uses         Skin Preparation
Application Method    See Technical Data Sheet

1c) Details of Supplier of the Product Safety Data Sheet:

Compliance & Regulatory Department
Smith & Nephew Healthcare
Healthcare House
101 Hessle Road
Hull
HU3 2BN
Telephone: 01482 222200
Fax: 01482 222211
Email Address: Advice.Healthcare@smith-nephew.com

2. HAZARD INFORMATION:
Classification of the substance or mixture
Flam. Liq. 2;H225            Highly Flammable liquid and vapour.
Aquatic Chronic 2;H411      Toxic to aquatic life with long lasting effects.

Label elements
Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows.

Danger

H225 Highly flammable liquid and vapor.
H411 Toxic to aquatic life with long lasting effects.

[Prevention]:
P210 Keep away from heat / sparks / open flames / hot surfaces - No smoking.
P235 Keep cool.
P240 Ground / bond container and receiving equipment.
P241 Use explosion-proof electrical / ventilating / light / equipment.
P242 Use only non-sparking tools.
3. COMPOSITION / INFORMATION ON INGREDIENTS:

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

<table>
<thead>
<tr>
<th>Ingredient/Chemical Designations</th>
<th>Weight %</th>
<th>GHS Classification</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Disiloxane, hexamethyl-</td>
<td>75-100</td>
<td>Flam. Liq. 2;H225</td>
<td>[1]</td>
</tr>
<tr>
<td>CAS Number: 0000107-46-0</td>
<td></td>
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</tr>
</tbody>
</table>

In accordance with paragraph (i) of §1910.1200, the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

[1] Substance classified with a health or environmental hazard.

4. FIRST AID: In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

a) Inhalation Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious place in the recovery position and obtain immediate medical attention. Give nothing by mouth.

b) Contact with skin Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.

c) Contact with eyes Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.

d) Ingestion If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

4.2. Most important symptoms and effects, both acute and delayed

Overview Flammable. May cause eye, skin and respiratory tract irritation. See section 2 for further details.

5. FIRE AND EMERGENCY MEASURES:

5.1. Extinguishing media
Extinguishing powder, sand, alcohol-resistant foam, carbon dioxide.

5.2. Special hazards arising from the substance or mixture
Hazardous decomposition: Oxides of Carbon
Keep away from heat / sparks / open flames / hot surfaces - No smoking.
Keep cool.
Ground / bond container and receiving equipment.
Use explosion-proof electrical / ventilating / light / equipment.
Use only non-sparking tools.
Take precautionary measures against static discharge.

5.3. Advice for fire-fighters
Use self-contained breathing apparatus and wear protective clothing. Cool endangered containers with water spray jet. Suppress gases/vapors/mists with water spray jet.

ERG Guide No. 128

6. ACCIDENTAL RELEASE MEASURES:
6.1. Personal precautions, protective equipment and emergency procedures
Put on appropriate personal protective equipment (see section 8).

6.2. Environmental precautions
Do not allow spills to enter drains or waterways.
Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

6.3. Methods and material for containment and cleaning up
Isolate area and keep unnecessary personnel away.
Pick up with absorbent material (e.g. sand, acid binder, universal binder, sawdust). Send in suitable Containers for recover or disposal.

7. HANDLING AND STORAGE PRECAUTIONS:
7.1. Precautions for safe handling
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.
See section 2 for further details. - [Prevention]:

7.2. Conditions for safe storage, including any incompatibilities
Handle containers carefully to prevent damage and spillage.
Incompatible materials: None
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.
See section 2 for further details. - [Storage]:

7.3. Specific end use(s)
No data available.
8. EXPOSURE CONTROLS/PERSONAL PROTECTION:

8.1. Control parameters

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Ingredient</th>
<th>Source</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>0000107-46-0</td>
<td>Disiloxane, hexamethyl-</td>
<td>OSHA</td>
<td>No Established Limit</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH</td>
<td>No Established Limit</td>
</tr>
<tr>
<td></td>
<td></td>
<td>NIOSH</td>
<td>No Established Limit</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Supplier</td>
<td>No Established Limit</td>
</tr>
</tbody>
</table>

Carcinogen Data

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Ingredient</th>
<th>Source</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>0000107-46-0</td>
<td>Disiloxane, hexamethyl-</td>
<td>OSHA</td>
<td>Select Carcinogen: No</td>
</tr>
<tr>
<td></td>
<td></td>
<td>NTP</td>
<td>Known: No; Suspected: No</td>
</tr>
<tr>
<td></td>
<td></td>
<td>IARC</td>
<td>Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;</td>
</tr>
</tbody>
</table>

8.2. Exposure controls

Respiratory
If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirators.

Eyes
Wear safety glasses with side shields.

Skin
Wear appropriate clothing for the industrial setting.

Engineering Controls
Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.

Other Work Practices
Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details. - [Prevention]:

9. PHYSICAL AND CHEMICAL PROPERTIES:

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Colorless Liquid</td>
</tr>
<tr>
<td>Odor</td>
<td>Odorless</td>
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<tr>
<td>Odor threshold</td>
<td>Not determined</td>
</tr>
<tr>
<td>pH</td>
<td>Not determined</td>
</tr>
<tr>
<td>Melting point / freezing point</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Initial boiling point and boiling range</td>
<td>37°C</td>
</tr>
<tr>
<td>Flash Point</td>
<td>-1°C</td>
</tr>
<tr>
<td>Evaporation rate (Ether = 1)</td>
<td>Not determined</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Upper/lower flammability or explosive limits</td>
<td>Lower Explosive Limit: Not determined</td>
</tr>
<tr>
<td></td>
<td>Upper Explosive Limit: Not determined</td>
</tr>
<tr>
<td>Vapor pressure (Pa)</td>
<td>Not determined</td>
</tr>
</tbody>
</table>
Vapor Density
Specific Gravity
Solubility in Water
Partition coefficient n-octanol/water (Log Kow)
Auto-ignition temperature
Decomposition temperature
Viscosity (cSt)
VOC Content

9.2. Other information
No other relevant information.

10. STABILITY AND REACTIVITY:

10.1. Reactivity
Hazardous Polymerization will not occur.

10.2. Chemical stability
Stable under normal circumstances.

10.3. Possibility of hazardous reactions
No data available.

10.4. Conditions to avoid
None

10.5. Incompatible materials
None

10.6. Hazardous decomposition products
Oxides of Carbon

11. TOXICOLOGICAL INFORMATION:

Acute toxicity
Exposure to solvent vapor concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage.

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Oral LD50, mg/kg</th>
<th>Skin LD50, mg/kg</th>
<th>Inhalation Vapor LC50, mg/L/4hr</th>
<th>Inhalation Dust/Mist LC50, mg/L/4hr</th>
<th>Inhalation Gas LC50, ppm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Disiloxane, hexamethyl-(107-46-0)</td>
<td>5,000.00, Rat - Category: 5</td>
<td>5,000.00, Rabbit - Category: 5</td>
<td>106.00, Rat - Category: NA</td>
<td>No data available</td>
<td>No data available</td>
</tr>
</tbody>
</table>

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Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

<table>
<thead>
<tr>
<th>Classification</th>
<th>Category</th>
<th>Hazard Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity (oral)</td>
<td>---</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Acute toxicity (dermal)</td>
<td>---</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Acute toxicity (inhalation)</td>
<td>---</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Skin corrosion/irritation</td>
<td>---</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Serious eye damage/irritation</td>
<td>---</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Respiratory sensitization</td>
<td>---</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Skin sensitization</td>
<td>---</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Germ cell mutagenicity</td>
<td>---</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>---</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Reproductive toxicity</td>
<td>---</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>STOT-single exposure</td>
<td>---</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>STOT-single exposure</td>
<td>---</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>STOT-repeated exposure</td>
<td>---</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Aspiration hazard</td>
<td>---</td>
<td>Not Applicable</td>
</tr>
</tbody>
</table>

### 12. ECOLOGICAL INFORMATION:

#### 12.1. Toxicity

Toxic to aquatic life

**Aquatic Ecotoxicity**

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>96 hr LC50 fish, mg/l</th>
<th>48 hr EC50 crustacea, mg/l</th>
<th>ErC50 algae, mg/l</th>
</tr>
</thead>
<tbody>
<tr>
<td>Disiloxane, hexamethyl- (107-46-0)</td>
<td>3.02, Oncorhynchus mykiss</td>
<td>314.00, Daphnia magna</td>
<td>Not Available</td>
</tr>
</tbody>
</table>

#### 12.2. Persistence and degradability

There is no data available on the preparation itself.

#### 12.3. Bioaccumulative potential

Not Measured

#### 12.4. Mobility in soil

No data available.

#### 12.5. Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

#### 12.6. Other adverse effects

No data available.
13. DISPOSAL CONSIDERATIONS:
13.1. Waste treatment methods
Observe all federal, state and local regulations when disposing of this substance.

14. TRANSPORT INFORMATION:
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.

<table>
<thead>
<tr>
<th>DOT (Domestic Surface Transportation)</th>
<th>IMO/IMDG (Ocean Transportation)</th>
<th>ICAO/IATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN1993</td>
<td>UN1993</td>
<td>UN1993</td>
</tr>
</tbody>
</table>

14.1. UN Number
14.2. UN Proper Shipping Name
UN1993, Flammable liquids, n.o.s., (Hexamethyldisiloxane) 3, II

14.3. Transport Hazard Class(es)
DOT Hazard Class: 3
IMDG: 3
Sub Class: Not applicable
Air Class: 3

14.4. Packing Group
II

14.5. Environmental hazards
IMDG Marine Pollutant: Yes (Disiloxane, hexamethyl-)

14.6. Special precautions for user: No further information

15. REGULATORY INFORMATION:
Regulatory Overview
The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.

Toxic Substance Control Act (TSCA)
All components of this material are either listed or exempt from listing on the TSCA Inventory.

WHMIS Classification
B2

US EPA Tier II Hazards
Fire: Yes
Sudden Release of Pressure: No
Reactive: No
Immediate (Acute): No
Delayed (Chronic): No

EPCRA 311/312 Chemicals and RQs:
To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

EPCRA 302 Extremely Hazardous:
To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

EPCRA 313 Toxic Chemicals:
To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Carcinogens (>0.0%): To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Developmental Toxins (>0.0%): To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Female Repro Toxins (>0.0%):
To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 - Male Repro Toxins (>0.0%)**:
To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**New Jersey RTK Substances (>1%)**:
To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Pennsylvania RTK Substances (>1%)**:
To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

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### 16. ADDITIONAL INFORMATION:

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H225 Highly flammable liquid and vapor.

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### 17a) REFERENCE NUMBER

N/A

### 17b) DATE OF ISSUE

06 December 2018

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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 2002 (COSHH assessments). Provision of this information does not preclude users from seeking advice from other sources as indicated in the COSHH guides. The information is intended to cover potential hazards at the place of work and does not detail medical uses, indications, contraindications and precautions for the treatment of patients.

### REASON FOR CHANGE

<table>
<thead>
<tr>
<th>Document Version</th>
<th>Section/Paragraph Changed</th>
<th>Change Made</th>
<th>Date</th>
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<tbody>
<tr>
<td>01</td>
<td>New issue</td>
<td>Document transferred from S &amp; N Inc.SDSUM01194 as part of project Peterworth CCA2831</td>
<td>30/07/15</td>
</tr>
<tr>
<td>02</td>
<td>Document revision</td>
<td>Formatting updates in Section 1a,1b,14, 17a,17b. New document version.</td>
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Plant Number(s):
None

Product Code(s):
66800709 US/CAN, 66800710 CE, 66800872

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