Product Safety Data Sheet
SECURA No Sting Barrier Film Wipes and Swabs

Approvals

Author Name: Elizabeth Stutzmann
Signature Date/Time: 03 JAN 2019 18:54 UTC
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Representation: Author Signature
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Signature Reason: Document Management: Status Change

Signatory Name: Paul Sewell
Signature Date/Time: 04 JAN 2019 08:25 UK
Global Date/Time: 04 JAN 2019 08:25 UTC
Representation: Engineering Signature
Signature Reason: Document Management: Status Change
1a) PRODUCT NAME(S):
Product Identity
SECURA No Sting Barrier Film Wipes and Swabs
SECURA No Sting Prep Wipes and Swabs

1b) INTENDED USE(S):
Intended use
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.
P243 Take precautionary measures against static discharge.
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>
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</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.
*The full texts of the phrases are shown in Section 16.

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

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
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. 133

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 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

**Exposure**

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

**Appearance**

Colorless Liquid

**Odor**

Odorless

**Odor threshold**

Not determined

**pH**

Not determined

**Melting point / freezing point**

Not applicable

**Initial boiling point and boiling range**

37°C

**Flash Point**

-1°C

**Evaporation rate (Ether = 1)**

Not determined

**Flammability (solid, gas)**

Not Applicable

**Upper/lower flammability or explosive limits**

*Lower Explosive Limit:* Not determined  
*Upper Explosive Limit:* Not determined

**Vapor pressure (Pa)**

Not determined

**Vapor Density**

0.76g.cm$^3$
**Specific Gravity**
Not determined

**Solubility in Water**
Insoluble

**Partition coefficient n-octanol/water (Log Kow)**
Not Measured

**Auto-ignition temperature**
Not determined

**Decomposition temperature**
Not available

**Viscosity (cSt)**
Not available

**VOC Content**
Not determined

**9.2. Other information**
No other relevant information.

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### 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

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### 11. TOXICOLOGICAL INFORMATION:

#### Acute toxicity

<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>

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).

#### Classification

<table>
<thead>
<tr>
<th>Classification</th>
<th>Category</th>
<th>Hazard Description</th>
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<tbody>
<tr>
<td>Acute toxicity (oral)</td>
<td>---</td>
<td>Not Applicable</td>
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<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>
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</tbody>
</table>
### 12. ECOLOGICAL INFORMATION:

#### 12.1. Toxicity

Toxic to aquatic life with long lasting effects. No additional information provided for this product. See Section 3 for chemical specific data.

**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, <em>Oncorhynchus mykiss</em></td>
<td>314.00, <em>Daphnia magna</em></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>14.1. UN number</th>
<th>DOT (Domestic Surface Transportation)</th>
<th>IMO/IMDG (Ocean Transportation)</th>
<th>ICAO/IATA</th>
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<tbody>
<tr>
<td>UN3175</td>
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<table>
<thead>
<tr>
<th>14.2. UN Proper shipping Name</th>
<th>DOT Hazard Class: 4.1</th>
<th>IMDG: 4.1</th>
<th>SUB Class: Not applicable</th>
<th>Air Class: 4.1</th>
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<tbody>
<tr>
<td>UN3175, solids containing flammable liquid, n.o.s., (Hexamethyldisiloxane)</td>
<td>Solid containing flammable liquid, n.o.s., (Hexamethyldisiloxane)</td>
<td>Solid containing flammable liquid, n.o.s., (Hexamethyldisiloxane)</td>
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<tr>
<th>14.3 Transport Hazard class(es)</th>
<th>DOT Hazard Class: 4.1</th>
<th>IMDG: 4.1</th>
<th>SUB Class: Not applicable</th>
<th>Air Class: 4.1</th>
</tr>
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<td>II</td>
<td>II</td>
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</table>

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

14.6 Special precautions for users
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  D2B

**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.

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.

17a) REFERENCE NUMBER

17b) DATE OF ISSUE 03 January 2019

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 patient.

REASON FOR CHANGE

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<th>Document Version</th>
<th>Section/Paragraph Changed</th>
<th>Change Made</th>
<th>Date</th>
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<td>New issue</td>
<td>Document transferred from S &amp; N Inc. SDSUM01193 as part of project Peterworth CCA2832</td>
<td>06/08/15</td>
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<tr>
<td>02</td>
<td>New format</td>
<td>Document updated to new format as part of review</td>
<td>03/01/19</td>
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“I have compared this paper copy to the original electronic copy on the date shown below and certify that both are the same version number”

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Plant Number(s):
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Product Code(s):
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