



3M General Offices
3M Center
St. Paul, MN 55144-1000
1-800-364-3577 or (651) 737-6501 (24 hours)

Safety Data Sheet

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Purchase Order #: 2331826
Customer Number: 0020089531

SENECA MEDICAL
16240 NORCO WAY
NAMPA, ID 83687-9072
USA

Dear

Enclosed is the Safety Data Sheet (SDS)* for the product that your company recently purchased from 3M.

Please forward the attached document(s) to the individual in your organization responsible for hazard communication.

If you are a distributor and resell this product, OSHA and EPA require that you transmit this SDS information to your customers at the time of first shipment or whenever you receive revised SDSs from 3M.

3M SDSs are available over the Internet at www.3m.com/MSDSSearch.

3M is committed to meeting our customer requirements. Please contact your 3M customer service or sales representative if you have any questions. If you do not know whom to contact, please call the 3M Product Information Center at 1-800-364-3577.

If you are not currently receiving 3M SDSs by e-mail and would like to do so, please contact our eSDS Administrator at emsdsadmin@mmm.com

*An Article Information Sheet (AIS) or Article Information Letter (AIL) may be enclosed in place of an SDS if the product is an article which does not require an SDS under the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200.



Safety Data Sheet

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|------------------------|-----------|-------------------------|----------|
| Document Group: | 20-0585-8 | Version Number: | 10.00 |
| Issue Date: | 01/08/20 | Supersedes Date: | 10/24/19 |

SECTION 1: Identification

1.1. Product identifier

3M™ Cavilon™ No Sting Barrier Film with Foam Applicator (IO) 3343, 3344, 3345, 3343E, 3344E, 3345E, 3343P, 3345P, 3343K, 3344ENS

Product Identification Numbers

70-2007-6393-9, 70-2007-6556-1, 70-2007-7077-7, 70-2007-7079-3, 70-2007-8412-5, 70-2007-8431-5, 70-2007-8433-1, 70-2007-9417-3, 70-2011-6880-7, 70-2011-8902-7, GH-6206-0443-5, GH-6206-0444-3, GH-6206-0449-2, GH-6206-1304-8, 7000053961, 7000053997, 7100015647, 7000054134, 7000086407, 7000086401, 7000086402, 7100115948, 7100025076, 7100025117, 7100096441, 7100099897

1.2. Recommended use and restrictions on use

Recommended use

Skin protectant barrier film.

1.3. Supplier's details

| | |
|----------------------|---|
| MANUFACTURER: | 3M |
| DIVISION: | Medical Solutions Division |
| ADDRESS: | 3M Center, St. Paul, MN 55144-1000, USA |
| Telephone: | 1-888-3M HELPS (1-888-364-3577) |

1.4. Emergency telephone number

1-800-364-3577 or (651) 737-6501 (24 hours)

SECTION 2: Hazard identification

The label elements below were prepared in accordance with OSHA Hazard Communication Standard, 29 CFR 1910.1200. This information may be different from the actual product label information for labels regulated by other agencies.

2.1. Hazard classification

Flammable Liquid: Category 2.

Aspiration Hazard: Category 1.

Specific Target Organ Toxicity (single exposure): Category 3.

2.2. Label elements

Signal word

Danger

Symbols

Flame | Exclamation mark | Health Hazard |

Pictograms



Hazard Statements

Highly flammable liquid and vapor.

May be fatal if swallowed and enters airways.

May cause drowsiness or dizziness.

Precautionary Statements

General:

Keep out of reach of children.

Prevention:

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

Ground/bond container and receiving equipment.

Use only non-sparking tools.

Take precautionary measures against static discharge.

Keep container tightly closed.

Use explosion-proof electrical/ventilating/lighting equipment.

Avoid breathing dust/fume/gas/mist/vapors/spray.

Use only outdoors or in a well-ventilated area.

Response:

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Do NOT induce vomiting.

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

Call a POISON CENTER or doctor/physician if you feel unwell.

In case of fire: Use a fire fighting agent suitable for flammable liquids such as dry chemical or carbon dioxide to extinguish.

Storage:

Store in a well-ventilated place. Keep cool.

Store locked up.

Disposal:

Dispose of contents/container in accordance with applicable local/regional/national/international regulations.

13% of the mixture consists of ingredients of unknown acute oral toxicity.

SECTION 3: Composition/information on ingredients

| Ingredient | C.A.S. No. | % by Wt |
|----------------------|------------|------------------------|
| Hexamethyldisiloxane | 107-46-0 | 55 - 80 Trade Secret * |

| | | |
|------------------------------------|---------------|------------------------|
| Isooctane | 540-84-1 | 10 - 25 Trade Secret * |
| Acrylate Terpolymer | Trade Secret* | 5 - 20 |
| Polyphenylmethylsiloxane Copolymer | 70131-69-0 | 0.5 - 5 |

*The specific chemical identity and/or exact percentage (concentration) of this composition has been withheld as a trade secret.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation:

Remove person to fresh air. If you feel unwell, get medical attention.

Skin Contact:

No need for first aid is anticipated.

Eye Contact:

No need for first aid is anticipated.

If Swallowed:

Do not induce vomiting. Get immediate medical attention.

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

See Section 11.1. Information on toxicological effects.

4.3. Indication of any immediate medical attention and special treatment required

Not applicable.

SECTION 5: Fire-fighting measures

5.1. Suitable extinguishing media

In case of fire: Use a fire fighting agent suitable for flammable liquids such as dry chemical or carbon dioxide to extinguish.

5.2. Special hazards arising from the substance or mixture

Closed containers exposed to heat from fire may build pressure and explode.

Hazardous Decomposition or By-Products

Substance

Carbon monoxide

Carbon dioxide

Condition

During Combustion

During Combustion

5.3. Special protective actions for fire-fighters

Water may not effectively extinguish fire; however, it should be used to keep fire-exposed containers and surfaces cool and prevent explosive rupture. Wear full protective clothing, including helmet, self-contained, positive pressure or pressure demand breathing apparatus, bunker coat and pants, bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Evacuate area. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Use only non-sparking tools.

Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapors, in accordance with good industrial hygiene practice. Warning! A motor could be an ignition source and could cause flammable gases or vapors in the spill area to burn or explode. Refer to other sections of this SDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Contain spill. Cover spill area with a fire-extinguishing foam. An appropriate aqueous film forming foam (AFFF) is recommended. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Remember, adding an absorbent material does not remove a physical, health, or environmental hazard. Collect as much of the spilled material as possible using non-sparking tools. Place in a metal container approved for transportation by appropriate authorities. Seal the container. Dispose of collected material as soon as possible in accordance with applicable local/regional/national/international regulations.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Keep out of reach of children. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Use only non-sparking tools. Take precautionary measures against static discharge. Avoid breathing dust/fume/gas/mist/vapors/spray. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Avoid release to the environment. Avoid contact with oxidizing agents (eg. chlorine, chromic acid etc.) Do not get in eyes. Wear low static or properly grounded shoes. To minimize the risk of ignition, determine applicable electrical classifications for the process using this product and select specific local exhaust ventilation equipment to avoid flammable vapor accumulation. Ground/bond container and receiving equipment if there is potential for static electricity accumulation during transfer.

7.2. Conditions for safe storage including any incompatibilities

Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store away from heat. Store away from acids. Store away from oxidizing agents.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits

If a component is disclosed in section 3 but does not appear in the table below, an occupational exposure limit is not available for the component.

| Ingredient | C.A.S. No. | Agency | Limit type | Additional Comments |
|------------|------------|--------|-------------------------|---------------------|
| Octane | 540-84-1 | ACGIH | TWA:300 ppm | |
| Octane | 540-84-1 | OSHA | TWA:2350 mg/m3(500 ppm) | |

ACGIH: American Conference of Governmental Industrial Hygienists

AIHA: American Industrial Hygiene Association

CMRG: Chemical Manufacturer's Recommended Guidelines

OSHA: United States Department of Labor - Occupational Safety and Health Administration

TWA: Time-Weighted-Average

STEL: Short Term Exposure Limit

CEIL: Ceiling

8.2. Exposure controls

8.2.1. Engineering controls

Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below relevant Exposure Limits and/or control dust/fume/gas/mist/vapors/spray. If ventilation is not adequate, use respiratory protection equipment.

Use explosion-proof ventilation equipment.

8.2.2. Personal protective equipment (PPE)

Eye/face protection

Eye protection not required.

Skin/hand protection

No protective gloves required.

Respiratory protection

Under normal use conditions, airborne exposures are not expected to be significant enough to require respiratory protection. An exposure assessment may be needed to decide if a respirator is required. If a respirator is needed, use respirators as part of a full respiratory protection program. Based on the results of the exposure assessment, select from the following respirator type(s) to reduce inhalation exposure:

Half facepiece or full facepiece air-purifying respirator suitable for organic vapors and particulates.

For questions about suitability for a specific application, consult with your respirator manufacturer.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state
Color

Liquid
Colorless

Specific Physical Form:

Odor

Fluid on foam applicator or wipe.
Odorless

Odor threshold

No Data Available

pH

Approximately 7 [*Details:*(For liquid portion)]

Melting point

No Data Available

Boiling Point

212 °F [*Test Method:* Tested per ASTM protocol] [*Details:*(For liquid portion)]

Flash Point

14 °F [*Test Method:* Closed Cup]

Evaporation rate

<=1 [*Test Method:* Tested per ASTM protocol] [*Ref Std:*ETHER=1]

Flammability (solid, gas)

Not Applicable

Flammable Limits(LEL)

0.8 %

Flammable Limits(UEL)

14.1 %

Vapor Pressure

<= 41 mmHg

Vapor Density

Not Applicable

Density

0.78 g/ml [*Details:*(For liquid portion)]

Specific Gravity

0.78 [*Test Method:* Tested per ASTM protocol] [*Ref Std:*WATER=1]

Solubility In Water

<=1.1% [*Test Method:* Tested per ASTM protocol]

Solubility- non-water

No Data Available

Partition coefficient: n-octanol/ water

Not Applicable

Autoignition temperature

665 °F

Decomposition temperature

No Data Available

Viscosity

Not Applicable

Volatile Organic Compounds

720 g/l [*Details:*(For liquid portion)]

Percent volatile
VOC Less H₂O & Exempt Solvents

88 - 94 %
No Data Available

SECTION 10: Stability and reactivity

10.1. Reactivity

This material may be reactive with certain agents under certain conditions - see the remaining headings in this section.

10.2. Chemical stability

Stable.

10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.4. Conditions to avoid

Heat
Sparks and/or flames

10.5. Incompatible materials

Strong oxidizing agents.

10.6. Hazardous decomposition products

| <u>Substance</u> | <u>Condition</u> |
|------------------|------------------|
| None known. | |

Refer to section 5.2 for hazardous decomposition products during combustion.

SECTION 11: Toxicological information

The information below may not be consistent with the material classification in Section 2 if specific ingredient classifications are mandated by a competent authority. In addition, toxicological data on ingredients may not be reflected in the material classification and/or the signs and symptoms of exposure, because an ingredient may be present below the threshold for labeling, an ingredient may not be available for exposure, or the data may not be relevant to the material as a whole.

11.1. Information on Toxicological effects

Signs and Symptoms of Exposure

Based on test data and/or information on the components, this material may produce the following health effects:

Inhalation:

Respiratory Tract Irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

May cause additional health effects (see below).

Skin Contact:

Contact with the skin during product use is not expected to result in significant irritation.

Eye Contact:

Contact with the eyes during product use is not expected to result in significant irritation.

Ingestion:

Chemical (Aspiration) Pneumonitis: Signs/symptoms may include coughing, gasping, choking, burning of the mouth, difficulty breathing, bluish colored skin (cyanosis), and may be fatal.

Gastrointestinal Irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

May cause additional health effects (see below).

Additional Health Effects:

Single exposure may cause target organ effects:

Central Nervous System (CNS) Depression: Signs/symptoms may include headache, dizziness, drowsiness, incoordination, nausea, slowed reaction time, slurred speech, giddiness, and unconsciousness.

Toxicological Data

If a component is disclosed in section 3 but does not appear in a table below, either no data are available for that endpoint or the data are not sufficient for classification.

Acute Toxicity

| Name | Route | Species | Value |
|------------------------------------|--------------------------------|---------|--|
| Overall product | Inhalation-Vapor(4 hr) | | No data available; calculated ATE >50 mg/l |
| Overall product | Ingestion | | No data available; calculated ATE >5,000 mg/kg |
| Hexamethyldisiloxane | Dermal | Rabbit | LD50 > 2,000 mg/kg |
| Hexamethyldisiloxane | Inhalation-Vapor (4 hours) | Rat | LC50 106 mg/l |
| Hexamethyldisiloxane | Ingestion | Rat | LD50 > 5,000 mg/kg |
| Isooctane | Dermal | Rabbit | LD50 > 2,000 mg/kg |
| Isooctane | Inhalation-Vapor (4 hours) | Rat | LC50 > 33.5 mg/l |
| Isooctane | Ingestion | Rat | LD50 > 5,000 mg/kg |
| Polyphenylmethylsiloxane Copolymer | Inhalation-Dust/Mist (4 hours) | Rat | LC50 0.5 mg/l |

ATE = acute toxicity estimate

Skin Corrosion/Irritation

| Name | Species | Value |
|----------------------|------------------|---------------------------|
| Overall product | Rabbit | No significant irritation |
| Hexamethyldisiloxane | Rabbit | No significant irritation |
| Isooctane | Human and animal | Minimal irritation |

Serious Eye Damage/Irritation

| Name | Species | Value |
|----------------------|---------|---------------|
| Hexamethyldisiloxane | Rabbit | Mild irritant |
| Isooctane | Rabbit | Mild irritant |

Skin Sensitization

| Name | Species | Value |
|----------------------|------------|----------------|
| Hexamethyldisiloxane | Guinea pig | Not classified |

| | | |
|-----------|-------|----------------|
| Isocetane | Human | Not classified |
|-----------|-------|----------------|

Respiratory Sensitization

For the component/components, either no data are currently available or the data are not sufficient for classification.

Germ Cell Mutagenicity

| Name | Route | Value |
|----------------------|----------|--|
| Hexamethyldisiloxane | In Vitro | Not mutagenic |
| Hexamethyldisiloxane | In vivo | Not mutagenic |
| Isocetane | In vivo | Not mutagenic |
| Isocetane | In Vitro | Some positive data exist, but the data are not sufficient for classification |

Carcinogenicity

| Name | Route | Species | Value |
|----------------------|------------|---------|--|
| Hexamethyldisiloxane | Inhalation | Rat | Some positive data exist, but the data are not sufficient for classification |

Reproductive Toxicity

Reproductive and/or Developmental Effects

| Name | Route | Value | Species | Test Result | Exposure Duration |
|----------------------|------------|--------------------------------------|---------|----------------|----------------------|
| Hexamethyldisiloxane | Inhalation | Not classified for male reproduction | Rat | NOAEL 33 mg/l | 13 weeks |
| Isocetane | Inhalation | Not classified for development | Rat | NOAEL 5.6 mg/l | during organogenesis |

Target Organ(s)

Specific Target Organ Toxicity - single exposure

| Name | Route | Target Organ(s) | Value | Species | Test Result | Exposure Duration |
|----------------------|------------|-----------------------------------|--|-------------------------|---------------------|-------------------|
| Hexamethyldisiloxane | Inhalation | respiratory irritation | Not classified | Rat | NOAEL 33 mg/l | 6 hours |
| Hexamethyldisiloxane | Ingestion | central nervous system depression | Not classified | Guinea pig | LOAEL 22,900 mg/kg | not applicable |
| Isocetane | Inhalation | central nervous system depression | May cause drowsiness or dizziness | Multiple animal species | NOAEL Not available | not available |
| Isocetane | Inhalation | respiratory irritation | Some positive data exist, but the data are not sufficient for classification | | NOAEL Not available | |
| Isocetane | Ingestion | central nervous system depression | May cause drowsiness or dizziness | Multiple animal species | NOAEL Not available | not applicable |

Specific Target Organ Toxicity - repeated exposure

| Name | Route | Target Organ(s) | Value | Species | Test Result | Exposure Duration |
|----------------------|------------|-------------------------------|----------------|-------------------------|-----------------------|-------------------|
| Hexamethyldisiloxane | Dermal | liver kidney and/or bladder | Not classified | Rat | NOAEL 1,000 mg/kg/day | 28 days |
| Hexamethyldisiloxane | Inhalation | kidney and/or bladder | Not classified | Rat | NOAEL 4 mg/l | 13 weeks |
| Hexamethyldisiloxane | Inhalation | hematopoietic system | Not classified | Rat | NOAEL 33 mg/l | 13 weeks |
| Hexamethyldisiloxane | Inhalation | liver | Not classified | Multiple animal species | NOAEL 29 mg/l | 15 days |

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| | | | | | | |
|----------------------|------------|---|----------------|-----|---------------------|----------|
| Hexamethyldisiloxane | Inhalation | heart system endocrine system immune system nervous system respiratory system | Not classified | Rat | NOAEL 33 mg/l | 13 weeks |
| Isooctane | Inhalation | hematopoietic system | Not classified | Rat | NOAEL 5.6 mg/l | 12 weeks |
| Isooctane | Inhalation | kidney and/or bladder | Not classified | Rat | LOAEL 0.2 mg/l | 1 years |
| Isooctane | Ingestion | kidney and/or bladder | Not classified | Rat | NOAEL Not available | 4 weeks |
| Isooctane | Ingestion | liver | Not classified | Rat | NOAEL 500 mg/kg/day | 21 days |

Aspiration Hazard

| Name | Value |
|-----------|-------------------|
| Isooctane | Aspiration hazard |

Please contact the address or phone number listed on the first page of the SDS for additional toxicological information on this material and/or its components.

SECTION 12: Ecological information

Ecotoxicological information

Please contact the address or phone number listed on the first page of the SDS for additional ecotoxicological information on this material and/or its components.

Chemical fate information

Please contact the address or phone number listed on the first page of the SDS for additional chemical fate information on this material and/or its components.

SECTION 13: Disposal considerations

13.1. Disposal methods

Dispose of contents/ container in accordance with the local/regional/national/international regulations.

Incinerate in a permitted waste incineration facility. As a disposal alternative, utilize an acceptable permitted waste disposal facility. Empty drums/barrels/containers used for transporting and handling hazardous chemicals (chemical substances/mixtures/preparations classified as Hazardous as per applicable regulations) shall be considered, stored, treated & disposed of as hazardous wastes unless otherwise defined by applicable waste regulations. Consult with the respective regulating authorities to determine the available treatment and disposal facilities.

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

SECTION 14: Transport Information

For Transport Information, please visit <http://3M.com/Transportinfo> or call 1-800-364-3577 or 651-737-6501.

SECTION 15: Regulatory information

15.1. US Federal Regulations

Contact 3M for more information.

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EPCRA 311/312 Hazard Classifications:

Physical Hazards

Flammable (gases, aerosols, liquids, or solids)

Health Hazards

Aspiration Hazard

Specific target organ toxicity (single or repeated exposure)

15.2. State Regulations

Contact 3M for more information.

15.3. Chemical Inventories

This material contains one or more substances not listed on the TSCA Inventory. Commercial use of this material is regulated by the FDA.

Contact 3M for more information.

15.4. International Regulations

Contact 3M for more information.

This SDS has been prepared to meet the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200.

SECTION 16: Other information

NFPA Hazard Classification

Health: 1 Flammability: 3 Instability: 0 Special Hazards: None

National Fire Protection Association (NFPA) hazard ratings are designed for use by emergency response personnel to address the hazards that are presented by short-term, acute exposure to a material under conditions of fire, spill, or similar emergencies. Hazard ratings are primarily based on the inherent physical and toxic properties of the material but also include the toxic properties of combustion or decomposition products that are known to be generated in significant quantities.

| | | | |
|------------------------|-----------|-------------------------|----------|
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