



Material Safety Data Sheet

Copyright, 2011, 3M Company All rights reserved. Copying and/or downloading of this information for the purpose of properly utilizing 3M products is allowed provided that: (1) the information is copied in full with no changes unless prior written agreement is obtained from 3M, and (2) neither the copy nor the original is resold or otherwise distributed with the intention of earning a profit thereon.

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: 3M™ Cavilon™ No Sting Barrier Film with Foam Applicator (IO) 3343, 3344, 3345, 3343E, 3344E, 3345E, 3343P, and 3345P

MANUFACTURER: 3M

DIVISION: Skin & Wound Care Division

ADDRESS: 3M Center, St. Paul, MN 55144-1000

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

Issue Date: 10/04/11

Supersedes Date: 07/27/11

Document Group: 20-0585-8

Product Use:

Intended Use: Skin protectant barrier film.

SECTION 2: INGREDIENTS

<u>Ingredient</u>	<u>C.A.S. No.</u>	<u>% by Wt</u>
Hexamethyldisiloxane	107-46-0	41 - 59
Foam applicator	Unknown	30 - 40
Isooctane	540-84-1	4 - 17
Acrylate Terpolymer	Trade Secret	1 - 8
Polyphenylmethylsiloxane Copolymer	73559-47-4	0.1 - 4

Liquid is saturated onto foam applicator. There is no free-flowing liquid.

SECTION 3: HAZARDS IDENTIFICATION

3.1 EMERGENCY OVERVIEW

Specific Physical Form: Fluid on foam applicator or wipe.

Odor, Color, Grade: Foam applicator or wipe with clear, odorless liquid.

General Physical Form: Solid

Immediate health, physical, and environmental hazards: Extremely flammable liquid and vapor.

May cause target organ effects.

3.2 POTENTIAL HEALTH EFFECTS

Eye Contact:

Mild Eye Irritation: Signs/symptoms may include redness, pain, and tearing.

Skin Contact:

No health effects are expected.

Inhalation:

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

May be absorbed following inhalation and cause target organ effects.

Ingestion:

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

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

May be absorbed following ingestion and cause target organ effects.

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.

Prolonged or repeated exposure may cause:

Liver Effects: Signs/symptoms may include loss of appetite, weight loss, fatigue, weakness, abdominal tenderness and jaundice.

SECTION 4: FIRST AID MEASURES

4.1 FIRST AID PROCEDURES

The following first aid recommendations are based on an assumption that appropriate personal and industrial hygiene practices are followed.

Eye Contact: Flush eyes with large amounts of water. If signs/symptoms persist, get medical attention.

Skin Contact: No need for first aid is anticipated.

Inhalation: Remove person to fresh air. If signs/symptoms develop, get medical attention.

If Swallowed: Do not induce vomiting. Give victim two glasses of water. Never give anything by mouth to an unconscious person. Get immediate medical attention.

SECTION 5: FIRE FIGHTING MEASURES

5.1 FLAMMABLE PROPERTIES

Autoignition temperature	665 °F
Flash Point	14 °F [<i>Test Method:</i> Closed Cup]
Flammable Limits(LEL)	0.8 %
Flammable Limits(UEL)	14.1 %

5.2 EXTINGUISHING MEDIA

Use fire extinguishers with class B extinguishing agents (e.g., dry chemical, carbon dioxide).

5.3 PROTECTION OF FIRE FIGHTERS

Special Fire Fighting Procedures: Wear full protective equipment (Bunker Gear) and a self-contained breathing apparatus (SCBA).

Unusual Fire and Explosion Hazards: Flammable solid. The liquid absorbed onto the foam applicator has a flash point of 30 degrees F.

Note: See STABILITY AND REACTIVITY (SECTION 10) for hazardous combustion and thermal decomposition information.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Evacuate unprotected and untrained personnel from hazard area. The spill should be cleaned up by qualified personnel. Remove all ignition sources such as flames, smoking materials, and electrical spark sources. Use only non-sparking tools. Ventilate the area with fresh air.

6.2. Environmental precautions

Collect the resulting residue containing solution. Place in a metal container approved for transportation by appropriate authorities. Dispose of collected material as soon as possible.

Clean-up methods

Refer to other sections of this MSDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment. Call 3M-HELPS line (1-800-364-3577) for more information on handling and managing the spill. Cover spill area with a fire-extinguishing foam. An 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. Collect as much of the spilled material as possible using non-sparking tools. Clean up residue with an appropriate solvent selected by a qualified and authorized person. Ventilate the area with fresh air. Read and follow safety precautions on the solvent label and MSDS. Seal the container.

In the event of a release of this material, the user should determine if the release qualifies as reportable according to local, state, and federal regulations.

SECTION 7: HANDLING AND STORAGE

7.1 HANDLING

Keep away from heat, sparks, open flame, pilot lights and other sources of ignition. No smoking while handling this material. Keep out of the reach of children. Avoid contact with oxidizing agents. Avoid eye contact with dust or airborne particles.

7.2 STORAGE

Store away from acids. Store away from heat. Store out of direct sunlight. Keep container in well-ventilated area. Store away from oxidizing agents.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 ENGINEERING CONTROLS

Not applicable.

8.2 PERSONAL PROTECTIVE EQUIPMENT (PPE)

8.2.1 Eye/Face Protection

Avoid eye contact.

8.2.2 Skin Protection

Not applicable.

8.2.3 Respiratory Protection

Under normal use conditions, airborne exposures are not expected to be significant enough to require respiratory protection.

8.2.4 Prevention of Swallowing

Do not ingest.

8.3 EXPOSURE GUIDELINES

<u>Ingredient</u>	<u>Authority</u>	<u>Type</u>	<u>Limit</u>	<u>Additional Information</u>
Octane	OSHA	TWA	2350 mg/m ³	
Octane, all isomers	ACGIH	TWA	300 ppm	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Specific Physical Form:	Fluid on foam applicator or wipe.
Odor, Color, Grade:	Foam applicator or wipe with clear, odorless liquid.
General Physical Form:	Solid
Autoignition temperature	665 °F
Flash Point	14 °F [<i>Test Method:</i> Closed Cup]
Flammable Limits(LEL)	0.8 %
Flammable Limits(UEL)	14.1 %
Boiling Point	212 °F [<i>Test Method:</i> ASTM METHOD] [<i>Details:</i> (For liquid portion)]
Density	0.78 g/ml [<i>Details:</i> (For liquid portion)]
Vapor Density	<i>Not Applicable</i>
Vapor Pressure	<= 41 mmHg
Specific Gravity	0.78 [<i>Test Method:</i> ASTM METHOD] [<i>Ref Std:</i> WATER=1]
pH	Approximately 7 [<i>Details:</i> (For liquid portion)]
Melting point	<i>No Data Available</i>
Solubility In Water	<=.1 % [<i>Test Method:</i> ASTM METHOD]
Evaporation rate	<=1 [<i>Test Method:</i> ASTM METHOD] [<i>Ref Std:</i> ETHER=1]
Volatile Organic Compounds	720 g/l [<i>Details:</i> (For liquid portion)]
Kow - Oct/Water partition coef	<i>Not Applicable</i>
Percent volatile	88 - 94 %
VOC Less H₂O & Exempt Solvents	<i>No Data Available</i>
Viscosity	5 centipoise [<i>Test Method:</i> ASTM METHOD] [<i>Details:</i> (For liquid portion)]

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable.

Materials and Conditions to Avoid:

10.1 Conditions to avoid

Heat
Sparks and/or flames

10.2 Materials to avoid

Strong oxidizing agents

Hazardous Polymerization: Hazardous polymerization will not occur.

Hazardous Decomposition or By-Products

Substance

Carbon monoxide
Carbon dioxide

Condition

During Combustion
During Combustion

SECTION 11: TOXICOLOGICAL INFORMATION

Please contact the address listed on the first page of the MSDS for Toxicological Information on this material and/or its components.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION

Not determined.

CHEMICAL FATE INFORMATION

Not determined.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Method: Dispose of according to the policies/procedures contained in the 3M Waste Management Program Manual and the instructions provided on the Waste Stream Profile Reference Sheet. Consult your Waste Management (RCRA) Coordinator with any questions. Consult 3M Waste Disposal Manual for proper procedures for packaging, labelling, marking, and shipping waste.

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

Since regulations vary, consult applicable regulations or authorities before disposal.

SECTION 14: TRANSPORT INFORMATION

ID Number(s):

44-0042-8868-2, 70-0051-2794-2, 70-2007-4653-8, 70-2007-4654-6, 70-2007-4655-3, 70-2007-4656-1, 70-2007-4657-9, 70-2007-4658-7, 70-2007-4659-5, 70-2007-4660-3, 70-2007-6391-3, 70-2007-6392-1, 70-2007-6393-9, 70-2007-6490-3, 70-2007-6491-1, 70-2007-6492-9, 70-2007-6493-7, 70-2007-6555-3, 70-2007-6556-1, 70-2007-7077-7, 70-2007-7078-5, 70-2007-7079-3, 70-2007-7145-2, DH-8888-0045-4, DH-8888-1312-7, DH-8888-1313-5, DH-8888-1314-3, DH-8888-1344-0

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

SECTION 15: REGULATORY INFORMATION

US FEDERAL REGULATIONS

Contact 3M for more information.

311/312 Hazard Categories:

Fire Hazard - Yes Pressure Hazard - No Reactivity Hazard - No Immediate Hazard - Yes Delayed Hazard - Yes

STATE REGULATIONS

Contact 3M for more information.

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.

INTERNATIONAL REGULATIONS

Contact 3M for more information.

This MSDS 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 Reactivity: 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.

Revision Changes:

- Section 1: Product use information was modified.
- Section 10: Hazardous decomposition or by-products table was modified.
- Section 9: Density information was modified.
- Section 9: Vapor density value was modified.
- Section 9: Vapor pressure value was modified.
- Section 9: Boiling point information was modified.
- Section 5: Flammable limits (UE) information was modified.
- Section 5: Flammable limits (LEL) information was modified.
- Section 5: Autoignition temperature information was modified.
- Section 5: Flash point information was modified.
- Section 9: Property description for optional properties was modified.

Section 9: Specific gravity information was modified.
Section 9: pH information was modified.
Section 9: Melting point information was modified.
Section 9: Solubility in water value was modified.
Section 9: Flash point information was modified.
Section 9: Flammable limits (LEL) information was modified.
Section 9: Flammable limits (UEL) information was modified.
Section 9: Autoignition temperature information was modified.
Section 14: ID Number(s) Template 1 was modified.
Section 2: Ingredient table was modified.
Section 8: Exposure guidelines ingredient information was modified.

DISCLAIMER: The information in this Material Safety Data Sheet (MSDS) is believed to be correct as of the date issued. 3M MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR COURSE OF PERFORMANCE OR USAGE OF TRADE. User is responsible for determining whether the 3M product is fit for a particular purpose and suitable for user's method of use or application. Given the variety of factors that can affect the use and application of a 3M product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the 3M product to determine whether it is fit for a particular purpose and suitable for user's method of use or application.

3M provides information in electronic form as a service to its customers. Due to the remote possibility that electronic transfer may have resulted in errors, omissions or alterations in this information, 3M makes no representations as to its completeness or accuracy. In addition, information obtained from a database may not be as current as the information in the MSDS available directly from 3M

3M USA MSDSs are available at www.3M.com