Safety Data Sheet

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This Safety Data Sheet has been prepared in accordance with the Canadian Hazardous Products Regulations.

SECTION 1: Identification

1.1. Product identifier

3M™ Cavilon™ Durable Barrier Cream 3353, 3354, 3355, 3391C, 3391G,3392C, 3392G 3392GS

Product Identification Numbers

LE-B100-3332-5	LZ-B100-1490-3	LZ-B100-1490-4	LZ-B100-1490-5	11-0033-3036-9
11-4002-1663-3	41-3701-3830-1	70-2011-8796-3	70-2011-8797-1	70-2011-8798-9
70-2011-8799-7	70-2011-9002-5	70-2018-0000-3	70-2018-0001-1	70-2018-0002-9
70-2018-0003-7	70-2018-0004-5	70-2018-0005-2	70-2018-0006-0	70-2018-0007-8
GH-6206-0648-9	GH-6206-0650-5	GH-6206-0656-2	GH-6206-0939-2	GH-6206-0945-9
GH-6206-1095-2	GH-6206-1096-0	GH-6206-1110-9	GH-6206-1111-7	GH-6206-1149-7
GH-6206-1153-9	GH-6206-1389-9	HB-0044-8197-2	HB-0045-1258-6	HB-0045-1259-4
HB-0047-2816-6	HB-0047-2817-4	HB-0047-6449-2	JH-2001-7595-0	JH-2001-7596-8
JH-2001-7597-6	JH-2001-7654-5	UU-0030-0819-8	UU-0030-0820-6	UU-0030-1423-8
UU-0108-8067-0	UU-0108-8068-8	UU-0108-8487-0	UU-0108-8488-8	UU-0108-8489-6
UU-0108-8490-4	UU-0108-8591-9	UU-0108-8592-7	UU-0108-8593-5	UU-0117-1726-9
UU-0117-1727-7	UU-0117-1728-5	XH-0021-3465-4	XH-0024-1818-0	

1.2. Recommended use and restrictions on use

Intended Use
Topically applied medical barrier cream

Specific Use
Barrier cream for incontinence skin care - skin protectant

Restrictions on use
Not applicable

1.3. Supplier's details

Company:	3M Canada Company
Division:	Medical Solutions Division
Address:	1840 Oxford Street East, Post Office Box 5757, London, Ontario N6A 4T1
Telephone:	(800) 364-3577
Website:	www.3M.ca

1.4. Emergency telephone number

Medical Emergency Telephone:1-800-3M HELPS / 1-800-364-3577; Transportation Emergency Telephone (CANUTEC):

(613) 996-6666

SECTION 2: Hazard identification

This product is exempt from hazard classification according to Canadian Hazardous Products Regulations for the following reason(s):
Cosmetic, device, drug or food as defined in section 2 of the Food and Drugs Act;

2.1. Classification of the substance or mixture
Serious Eye Damage/Irritation: Category 2A.

2.2. Label elements
Signal word
Warning

Symbols
Exclamation mark |

Pictograms

Hazard statements

Causes serious eye irritation.

Precautionary statements

Prevention:
Wear eye/face protection.

Response:
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

2.3. Other hazards
None known.

27% of the mixture consists of ingredients of unknown acute oral toxicity.
27% of the mixture consists of ingredients of unknown acute dermal toxicity.

SECTION 3: Composition/information on ingredients

This material is a mixture.

Ingredient	C.A.S. No.	% by Wt	Common Name
Water	7732-18-5	40 - 60	Water
Coconut Oil	8001-31-8	5 - 13	Coconut oil
Glycerin	56-81-5	3 - 10	1,2,3-Propanetriol
Isopropyl Palmitate	142-91-6	3 - 10	Hexadecanoic acid, 1-methylethyl ester
Paraffin	8002-74-2	5 - 10	Paraffin waxes and Hydrocarbon waxes

PPG-15 Stearyl Ether	25231-21-4	3 - 10	Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-octadecyl-.omega.-hydroxy-
Acrylate Terpolymer	Trade Secret	1 - 5	Not Applicable
Ester Diisooctyl Adipate	108-63-4	1 - 5	Hexanedioic acid, bis(1-methylheptyl) ester
Poly(dimethylsiloxane)	63148-62-9	0.5 - 5	Siloxanes and Silicones, di-Me
White Mineral Oil	8042-47-5	1 - 5	White mineral oil (petroleum)
Trimethylsiloxysilicate	68988-56-7	< 3	Silicic acid, sodium salt, reaction products with chlorotrimethylsilane and iso-Pr alc.
Trimethylsiloxysilicate	56275-01-5	< 3	Silicic acid, trimethylsilyl ester
2-Phenoxyethanol	122-99-6	0.1 - 2	Ethanol, 2-phenoxy-; Ethylene glycol monophenyl ether
Magnesium sulfate heptahydrate	10034-99-8	0.1 - 1	No Data Available
Dehydroacetic Acid	520-45-6	< 0.5	No Data Available
Benzoic Acid	65-85-0	<= 0.3	Benzoic acid

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation:
No need for first aid is anticipated. If symptoms develop, remove the affected person to fresh air. Get medical attention.

Skin Contact:
If exposed, wash with soap and water. If signs/symptoms develop, get medical attention.

Eye Contact:
Immediately flush with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. Get medical attention.

If Swallowed:
Rinse mouth. If you feel unwell, get medical attention.

4.2. Most important symptoms and effects, both acute and delayed
No critical symptoms or effects. 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
Use a fire fighting agent suitable for the surrounding fire.

5.2. Special hazards arising from the substance or mixture
None inherent in this product.

Hazardous Decomposition or By-Products

Substance	Condition
Hydrocarbons	During Combustion
Formaldehyde	During Combustion
Carbon monoxide	During Combustion
Carbon dioxide	During Combustion
Oxides of Sulfur	During Combustion

5.3. Special protective actions for fire-fighters
Wear full protective equipment (Bunker Gear) and a self-contained breathing apparatus (SCBA).

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
Evacuate area. Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapours, in accordance with good industrial hygiene practice. 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. For larger spills, cover drains and build dikes to prevent entry into sewer systems or bodies of water.

6.3. Methods and material for containment and cleaning up
Contain spill. 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. Place in a closed container approved for transportation by appropriate authorities. 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 SDS. 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
Avoid eye contact. Do not eat, drink or smoke when using this product. Avoid release to the environment.

7.2. Conditions for safe storage including any incompatibilities
No special storage requirements.

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
Particles (insoluble or poorly soluble) not otherwise specified, inhalable particles	56-81-5	ACGIH	TWA(inhalable particulates):10 mg/m3	
Particles (insoluble or poorly soluble) not otherwise specified, respirable particles	56-81-5	ACGIH	TWA(respirable particles):3 mg/m3	
Benzoic Acid	65-85-0	ACGIH	TWA(inhalable fraction and vapor):0.5 mg/m3	Danger of cutaneous absorption
Particles (insoluble or poorly soluble) not otherwise specified, inhalable particles	8001-31-8	ACGIH	TWA(inhalable particulates):10 mg/m3	
Particles (insoluble or poorly soluble) not otherwise specified, respirable particles	8001-31-8	ACGIH	TWA(respirable particles):3 mg/m3	
Paraffin	8002-74-2	ACGIH	TWA(as fume):2 mg/m3	
MINERAL OILS, HIGHLY-REFINED OILS	8042-47-5	ACGIH	TWA(inhalable fraction):5 mg/m3	

ACGIH : American Conference of Governmental Industrial Hygienists

AIHA : American Industrial Hygiene Association
CMRG : Chemical Manufacturer's Recommended Guidelines
TWA: Time-Weighted-Average
STEL: Short Term Exposure Limit
CEIL: Ceiling

8.2. Exposure controls

8.2.1. Engineering controls
No engineering controls required.

8.2.2. Personal protective equipment (PPE)

Eye/face protection

Select and use eye/face protection to prevent contact based on the results of an exposure assessment. The following eye/face protection(s) are recommended:
Safety Glasses with side shields
Indirect Vented Goggles

Skin/hand protection
No chemical protective gloves are required.

Respiratory protection
None required.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid
Specific Physical Form:	Cream
Colour	White
Odour	Light Odour
Odour threshold	*No Data Available*
pH	*No Data Available*
Melting point/Freezing point	*No Data Available*
Boiling point	*No Data Available*
Flash Point	No flash point
Evaporation rate	*No Data Available*
Flammability (solid, gas)	Not Applicable
Flammable Limits(LEL)	*No Data Available*
Flammable Limits(UEL)	*No Data Available*
Vapour Pressure	*No Data Available*
Vapour Density and/or Relative Vapour Density	*No Data Available*
Density	0.99 g/ml
Relative density	0.99 [*Ref Std:*WATER=1]
Water solubility	*No Data Available*
Solubility- non-water	*No Data Available*
Partition coefficient: n-octanol/ water	*No Data Available*
Autoignition temperature	*No Data Available*
Decomposition temperature	*No Data Available*
Viscosity/Kinematic Viscosity	20,000 - 150,000 mPa-s
Volatile Organic Compounds	*No Data Available*
Percent volatile	*Not Applicable*

VOC Less H2O & Exempt Solvents	*No Data Available*
Molecular weight	*Not Applicable*

SECTION 10: Stability and reactivity

10.1. Reactivity
This material is considered to be non reactive under normal use conditions.

10.2. Chemical stability
Stable.

10.3. Possibility of hazardous reactions
Hazardous polymerization will not occur.

10.4. Conditions to avoid
None known.

10.5. Incompatible materials
None known.

10.6. Hazardous decomposition products

Substance	Condition
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:
No known health effects.

Skin Contact:
No health effects are expected.

Eye Contact:
Severe Eye Irritation: Signs/symptoms may include significant redness, swelling, pain, tearing, cloudy appearance of the cornea, and impaired vision.

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

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	Dermal		No data available; calculated ATE >5,000 mg/kg
Overall product	Ingestion		No data available; calculated ATE >5,000 mg/kg
Paraffin	Dermal	Rat	LD50 > 5,000 mg/kg
Paraffin	Ingestion	Rat	LD50 > 5,000 mg/kg
Glycerin	Dermal	Rabbit	LD50 estimated to be > 5,000 mg/kg
Glycerin	Ingestion	Rat	LD50 > 5,000 mg/kg
Isopropyl Palmitate	Ingestion	Mouse	LD50 > 5,000 mg/kg
Isopropyl Palmitate	Dermal	Professional judgement	LD50 estimated to be > 5,000 mg/kg
Ester Diisooctyl Adipate	Dermal		LD50 estimated to be > 5,000 mg/kg
Ester Diisooctyl Adipate	Ingestion		LD50 estimated to be > 5,000 mg/kg
Poly(dimethylsiloxane)	Dermal	Rabbit	LD50 > 19,400 mg/kg
White Mineral Oil	Dermal	Rabbit	LD50 > 2,000 mg/kg
Poly(dimethylsiloxane)	Ingestion	Rat	LD50 > 17,000 mg/kg
White Mineral Oil	Ingestion	Rat	LD50 > 5,000 mg/kg
Trimethylsiloxysilicate	Dermal	Rabbit	LD50 > 2,000 mg/kg
Trimethylsiloxysilicate	Ingestion	Rat	LD50 > 5,000 mg/kg
2-Phenoxyethanol	Dermal	Rabbit	LD50 > 2,000 mg/kg
2-Phenoxyethanol	Inhalation-Dust/Mist	Rat	LC50 > 1.5 mg/l
2-Phenoxyethanol	Ingestion	Rat	LD50 1,394 mg/kg
Dehydroacetic Acid	Dermal		estimated to be > 5,000 mg/kg
Dehydroacetic Acid	Inhalation-Dust/Mist		estimated to be > 12.5 mg/l
Dehydroacetic Acid	Ingestion		estimated to be 300 - 2,000 mg/kg
Benzoic Acid	Dermal	Rabbit	LD50 > 2,000 mg/kg
Benzoic Acid	Inhalation-Dust/Mist (4 hours)	Rat	LC50 > 12.2 mg/l
Benzoic Acid	Ingestion	Rat	LD50 2,565 mg/kg

ATE = acute toxicity estimate

Skin Corrosion/Irritation

Name	Species	Value
Paraffin	Rabbit	No significant irritation
Glycerin	Rabbit	No significant irritation
Isopropyl Palmitate	Rabbit	Minimal irritation
Ester Diisooctyl Adipate	Professional judgement	Minimal irritation
Poly(dimethylsiloxane)	Rabbit	No significant irritation
White Mineral Oil	Rabbit	No significant irritation
Trimethylsiloxysilicate	Rabbit	No significant irritation
2-Phenoxyethanol	Rabbit	No significant irritation
Benzoic Acid	Human	Irritant

Serious Eye Damage/Irritation

Name	Species	Value
Paraffin	Rabbit	No significant irritation
Glycerin	Rabbit	No significant irritation
Isopropyl Palmitate	Rabbit	No significant irritation
Ester Diisooctyl Adipate	Professional	Mild irritant

	judgement	
Poly(dimethylsiloxane)	Rabbit	No significant irritation
White Mineral Oil	Rabbit	Mild irritant
Trimethylsiloxysilicate	Rabbit	No significant irritation
2-Phenoxyethanol	Rabbit	Corrosive
Benzoic Acid	Rabbit	Corrosive

Skin Sensitization

Name	Species	Value
Paraffin	Guinea pig	Not classified
Glycerin	Guinea pig	Not classified
White Mineral Oil	Guinea pig	Not classified
Trimethylsiloxysilicate	Human and animal	Not classified
2-Phenoxyethanol	Guinea pig	Not classified
Benzoic Acid	Multiple animal species	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
Paraffin	In Vitro	Not mutagenic
White Mineral Oil	In Vitro	Not mutagenic
Trimethylsiloxysilicate	In Vitro	Not mutagenic
2-Phenoxyethanol	In Vitro	Not mutagenic
2-Phenoxyethanol	In vivo	Not mutagenic
Benzoic Acid	In Vitro	Some positive data exist, but the data are not sufficient for classification

Carcinogenicity

Name	Route	Species	Value
Paraffin	Ingestion	Rat	Not carcinogenic
Glycerin	Ingestion	Mouse	Some positive data exist, but the data are not sufficient for classification
White Mineral Oil	Dermal	Mouse	Not carcinogenic
White Mineral Oil	Inhalation	Multiple animal species	Not carcinogenic
2-Phenoxyethanol	Ingestion	Multiple animal species	Not carcinogenic

Reproductive Toxicity

Reproductive and/or Developmental Effects

Name	Route	Value	Species	Test result	Exposure Duration
Glycerin	Ingestion	Not classified for female reproduction	Rat	NOAEL 2,000 mg/kg/day	2 generation
Glycerin	Ingestion	Not classified for male reproduction	Rat	NOAEL 2,000 mg/kg/day	2 generation
Glycerin	Ingestion	Not classified for development	Rat	NOAEL 2,000 mg/kg/day	2 generation

White Mineral Oil	Ingestion	Not classified for female reproduction	Rat	NOAEL 4,350 mg/kg/day	13 weeks
White Mineral Oil	Ingestion	Not classified for male reproduction	Rat	NOAEL 4,350 mg/kg/day	13 weeks
White Mineral Oil	Ingestion	Not classified for development	Rat	NOAEL 4,350 mg/kg/day	during gestation
2-Phenoxyethanol	Ingestion	Not classified for female reproduction	Mouse	NOAEL 3,700 mg/kg/day	2 generation
2-Phenoxyethanol	Ingestion	Not classified for male reproduction	Mouse	NOAEL 3,700 mg/kg/day	2 generation
2-Phenoxyethanol	Dermal	Not classified for development	Rabbit	NOAEL 600 mg/kg/day	during organogenesis
2-Phenoxyethanol	Ingestion	Not classified for development	Rat	NOAEL 1,000 mg/kg/day	during gestation
Benzoic Acid	Ingestion	Not classified for female reproduction	Rat	NOAEL 900 mg/kg/day	4 generation
Benzoic Acid	Ingestion	Not classified for male reproduction	Rat	NOAEL 900 mg/kg/day	4 generation
Benzoic Acid	Ingestion	Not classified for development	Rat	NOAEL 900 mg/kg/day	4 generation

Target Organ(s)

Specific Target Organ Toxicity - single exposure

Name	Route	Target Organ(s)	Value	Species	Test result	Exposure Duration
2-Phenoxyethanol	Inhalation	respiratory irritation	May cause respiratory irritation	official classification	NOAEL Not available	
Benzoic Acid	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification	similar health hazards	NOAEL Not available	

Specific Target Organ Toxicity - repeated exposure

Name	Route	Target Organ(s)	Value	Species	Test result	Exposure Duration
Paraffin	Ingestion	heart	Some positive data exist, but the data are not sufficient for classification	Rat	NOAEL 15 mg/kg/day	90 days
Paraffin	Ingestion	hematopoietic system | liver | immune system | skin | endocrine system | bone, teeth, nails, and/or hair | muscles | nervous system | eyes | kidney and/or bladder | respiratory system | vascular system	Not classified	Rat	NOAEL 1,500 mg/kg/day	90 days
Glycerin	Inhalation	respiratory system | heart | liver | kidney and/or bladder	Not classified	Rat	NOAEL 3.91 mg/l	14 days
Glycerin	Ingestion	endocrine system | hematopoietic system | liver | kidney and/or bladder	Not classified	Rat	NOAEL 10,000 mg/kg/day	2 years
White Mineral Oil	Ingestion	hematopoietic system	Not classified	Rat	NOAEL 1,381 mg/kg/day	90 days
White Mineral Oil	Ingestion	liver | immune system	Not classified	Rat	NOAEL 1,336 mg/kg/day	90 days

2-Phenoxyethanol	Dermal	skin | hematopoietic system | liver | eyes	Not classified	Rabbit	NOAEL 500 mg/kg/day	13 weeks
2-Phenoxyethanol	Ingestion	heart | endocrine system | hematopoietic system | liver | immune system | nervous system | kidney and/or bladder | respiratory system	Not classified	Rat	NOAEL 1,514 mg/kg/day	13 weeks
Benzoic Acid	Dermal	heart | skin | endocrine system | gastrointestinal tract | hematopoietic system | liver | immune system | muscles | nervous system | kidney and/or bladder | respiratory system	Not classified	Rabbit	NOAEL 2,500 mg/kg/day	21 days
Benzoic Acid	Inhalation	respiratory system	Causes damage to organs through prolonged or repeated exposure	Rat	LOAEL 0.025 mg/l	28 days
Benzoic Acid	Inhalation	heart | endocrine system | gastrointestinal tract | bone, teeth, nails, and/or hair | hematopoietic system | liver | immune system | nervous system | eyes | kidney and/or bladder	Not classified	Rat	NOAEL 1.2 mg/l	28 days

Aspiration Hazard

Name	Value
White Mineral Oil	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

No data available.

SECTION 13: Disposal considerations

13.1. Disposal methods

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

Prior to disposal, consult all applicable authorities and regulations to insure proper classification. Dispose of waste product in a permitted industrial waste facility. Empty and clean product containers may be disposed as non-hazardous waste. Consult your specific regulations and service providers to determine available options and requirements.

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. Safety, health and environmental regulations/legislation specific for the substance or mixture

Global inventory status

Contact 3M for more information. The components of this product are in compliance with the chemical notification requirements of TSCA.

SECTION 16: Other information

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.
Health: 2 **Flammability:** 1 **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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3M Canada SDSs are available at www.3M.ca