

Safety Data Sheet

Copyright, 2022, 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.

This Safety Data Sheet has been prepared in accordance with the Minister of Industry Decree No. 23/M-IND/PER/4/2013 and GHS Classification 4th Edition.

Document Group: 20-0585-8 **Version Number:** 1.00 **Issue Date:** 25/01/2022 **Supercedes Date:** Initial Issue

SECTION 1: Identification

1.1. Product identifier

3MTM CavilonTM No Sting Barrier Film with Foam Applicator (IO) 3343, 3344, 3345, 3343E, 3344E, 3345E, 3345P, 3343K, 3344ENS

Product Identification Numbers

70-0014-2195-0	70-0014-2197-6	70-0014-2198-4	70-0014-2199-2	70-0014-2201-6
70-0014-2202-4	70-0014-2203-2	70-0014-2206-5	70-0014-2207-3	70-0014-2208-1
70-0014-2212-3	70-0014-2213-1	70-0014-2214-9	70-0014-2218-0	70-0014-2219-8
70-0014-2220-6	70-0014-2224-8	70-0014-2225-5	70-0014-2229-7	70-0014-2230-5
70-0014-2231-3	70-0014-2232-1	70-0014-2260-2	70-0014-2261-0	70-0014-2262-8
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
70-2011-8985-2	GH-6206-0443-5	GH-6206-0444-3	GH-6206-0445-0	GH-6206-0448-4
GH-6206-0449-2	GH-6206-0450-0	GH-6206-0452-6	GH-6206-1304-8	H0-0017-9396-9
H0-0017-9397-7	HB-0040-0967-4	HB-0043-5910-3	HB-0044-8291-3	JH-2001-4669-6
JH-2001-4756-1	JH-2001-7355-9	JH-2001-7650-3	JH-2001-7653-7	JH-2001-8067-9
JH-2001-8068-7	KH-9999-1751-2	KH-9999-1985-6	UU-0042-2561-9	XH-0024-1524-4
XX-1000-2345-4				

1.2. Recommended use and restrictions on use

Recommended use

Skin protectant barrier film.

1.3. Supplier's details

ADDRESS: PT 3M Indonesia, Perkantoran Hijau Arkadia, Menara F, Lt. 8. Jl. TB. Simatupang Kav. 88, Jakarta

Selatan, 12520, Indonesia

+6221-29974000 **Telephone:**

Website: https://www.3m.co.id/3M/en ID/company-id/

1.4. Emergency telephone number

(021)29974000

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

Flammable Liquid: Category 2. Aspiration Hazard: Category 1.

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

Acute Aquatic Toxicity: Category 1. Chronic Aquatic Toxicity: Category 1.

2.2. Label elements

Signal word

Danger

Symbols

Flame | Exclamation mark | Health Hazard | Environment |

Pictograms









Hazard statements

H225 Highly flammable liquid and vapor.

H304 May be fatal if swallowed and enters airways.

H336 May cause drowsiness or dizziness.

H410 Very toxic to aquatic life with long lasting effects.

Precautionary statements

Prevention:

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P233 Keep container tightly closed.

P261 Avoid breathing dust/fume/gas/mist/vapors/spray.
P271 Use only outdoors or in a well-ventilated area.

P273 Avoid release to the environment.

Response:

P331 Do NOT induce vomiting.

P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. P370 + P378G In case of fire: Use a fire fighting agent suitable for flammable liquids such as dry

chemical or carbon dioxide to extinguish.

Storage:

P403 + P235 Store in a well-ventilated place. Keep cool.

P405 Store locked up.

Disposal:

P501 Dispose of contents/container in accordance with applicable

local/regional/national/international regulations.

2.3. Other hazards

None known

SECTION 3: Composition/information on ingredients

This material is a mixture.

Ingredient	C.A.S. No.	% by Wt
Hexamethyldisiloxane	107-46-0	55 - 80
Isooctane	540-84-1	10 - 25
Acrylate Terpolymer	Trade Secret	5 - 20
Polyphenylmethylsiloxane Copolymer	70131-69-0	0.5 - 5

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.

Eve 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

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

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

SubstanceConditionCarbon monoxideDuring CombustionCarbon dioxideDuring 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. 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	Indonesia OELs	TWA(8 hours):300 ppm	

ACGIH: American Conference of Governmental Industrial Hygienists

AIHA: American Industrial Hygiene Association

CMRG: Chemical Manufacturer's Recommended Guidelines

Indonesia OELs: Indonesia. Minister of Manpower and Transmigration Decree No. 13/MEN/X/2011 concerning Threshold Values, Chemical and Physical Factors in the Workplace.

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

Physical state	Liquid				
Specific Physical Form:	Fluid on foam applicator or wipe.				
Color	Colorless				
Odor	Odorless				
Odor threshold	No Data Available				
рН	Approximately 7 [Details:(For liquid portion)]				
Melting point/Freezing point	No Data Available				
Boiling point/Initial boiling point/Boiling range	100 °C [Test Method: Tested per ASTM protocol] [Details: (For				
	liquid portion)]				
Flash Point	-10 °C [Test Method:Closed Cup]				
Evaporation rate	<=1 [Test Method:Tested per ASTM protocol] [Re				
	Std:ETHER=1]				
Flammability (solid, gas)	Not Applicable				
Flammable Limits(LEL)	0.8 %				
Flammable Limits(UEL)	14.1 %				
Vapor Pressure	<= 5,466.2 Pa				
Vapor Density and/or Relative Vapor Density	Not Applicable				
Density	0.78 g/ml [Details:(For liquid portion)]				
Relative Density	0.78 [Test Method:Tested per ASTM protocol] [Ref				
	Std:WATER=1]				
Water solubility	<=0.1 % [Test Method: Tested per ASTM protocol]				
Solubility- non-water	No Data Available				
Partition coefficient: n-octanol/ water	Not Applicable				
Autoignition temperature	351.7 ℃				
Decomposition temperature	No Data Available				
Viscosity/Kinematic Viscosity	Not Applicable				
Volatile Organic Compounds	720 g/l [Details:(For liquid portion)]				
Percent volatile	88 - 94 %				
VOC Less H2O & Exempt Solvents	No Data Available				

Nanoparticles

This material does not contain nanoparticles.

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

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:

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.

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

ATE = acute toxicity estimate

Skin Corrosion/Irritation

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

Serious Eye Damage/Irritation

Schous Eye Damage/Hittation		
Name	Species	Value
Hexamethyldisiloxane	Rabbit	Mild irritant
Isooctane	Rabbit	Mild irritant

Sensitization:

Skin Sensitization

Skin Schsitization		
Name	Species	Value
Hexamethyldisiloxane	Guinea	Not classified
	pig	
Isooctane	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
Isooctane	In vivo	Not mutagenic
Isooctane	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
Isooctane	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
Isooctane	Inhalation	central nervous system depression	May cause drowsiness or dizziness	Multiple animal species	NOAEL Not available	not available
Isooctane	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification		NOAEL Not available	
Isooctane	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
Hexamethyldisiloxane	Inhalation	heart 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	Not classified	Rat	LOAEL 0.2	1 years
		bladder			mg/l	
Isooctane	Ingestion	kidney and/or	Not classified	Rat	NOAEL Not	4 weeks
		bladder			available	
Isooctane	Ingestion	liver	Not classified	Rat	NOAEL 500	21 days
					mg/kg/day	-

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

The information below may not be consistent with the material classification in Section 2 if specific ingredient classifications are mandated by a competent authority. Additional information leading to material classification in Section 2 is available upon request. In addition, environmental fate and effects data on ingredients may not be reflected in this section because an ingredient is present below the threshold for labeling, an ingredient is not expected to be available for exposure, or the data is considered not relevant to the material as a whole.

12.1. Toxicity

Acute aquatic hazard:

GHS Acute 1: Very toxic to aquatic life.

Chronic aquatic hazard:

GHS Chronic 1: Very toxic to aquatic life with long lasting effects.

No product test data available

Material	Cas #	Organism	Type	Exposure	Test Endpoint	Test Result
Hexamethyldisi loxane	107-46-0	Green Algae	Experimental	70 hours	EC50	>0.55 mg/l
Hexamethyldisi loxane	107-46-0	Rainbow Trout	Experimental	96 hours	LC50	0.46 mg/l
Hexamethyldisi loxane	107-46-0	Green Algae	Experimental	70 hours	EC10	0.09 mg/l
Hexamethyldisi loxane	107-46-0	Water flea	Experimental	21 days	NOEC	0.08 mg/l
Isooctane	540-84-1	Water flea	Estimated	48 hours	EC50	0.4 mg/l
Isooctane	540-84-1	Medaka	Experimental	96 hours	LC50	0.561 mg/l
Acrylate Terpolymer	Trade Secret		Data not available or insufficient for classification			N/A
Polyphenylmet hylsiloxane Copolymer	70131-69-0	Green algae	Estimated	72 hours	No tox obs at lmt of water sol	>100 mg/l
Polyphenylmet hylsiloxane Copolymer	70131-69-0	Green Algae	Estimated	72 hours	No tox obs at lmt of water sol	>100 mg/l
Polyphenylmet hylsiloxane Copolymer	70131-69-0	Rainbow Trout	Estimated	60 days	No tox obs at lmt of water sol	>100 mg/l

Polyphenylmet 7	70131-69-0	Water flea	Estimated	21 days	No tox obs at	>100 mg/l
hylsiloxane					lmt of water sol	
Copolymer						

12.2. Persistence and degradability

Material	CAS No.	Test Type	Duration	Study Type	Test Result	Protocol
Hexamethyldisi	107-46-0	Experimental		Photolytic half-	22.5 days (t	Non-standard method
loxane		Photolysis		life (in air)	1/2)	
Hexamethyldisi	107-46-0	Experimental		Hydrolytic	120 hours (t	Non-standard method
loxane		Hydrolysis		half-life	1/2)	
Isooctane	540-84-1	Experimental		Photolytic half-	8.36 days (t	Non-standard method
		Photolysis		life (in air)	1/2)	
Isooctane	540-84-1	Experimental	28 days	Biological	0 %	OECD 301C - MITI (I)
		Biodegradation	-	Oxygen	BOD/ThBOD	
				Demand		
Acrylate	Trade Secret	Data not			N/A	
Terpolymer		availbl-				
		insufficient				
Polyphenylmet	70131-69-0	Estimated	28 days	Biological	2.2 %	OECD 301F -
hylsiloxane		Biodegradation		Oxygen	BOD/ThBOD	Manometric Respiro
Copolymer				Demand		

12.3. Bioaccumulative potential

Material	CAS No.	Test Type	Duration	Study Type	Test Result	Protocol
Hexamethyldisi	107-46-0	Experimental	56 days	Bioaccumulatio	2410	OECD 305C-Bioaccum
loxane		BCF-Carp		n Factor		degree fish
Isooctane	540-84-1	Experimental	28 days	Bioaccumulatio	540	OECD 305E-Bioaccum
		BCF-Carp		n Factor		Fl-thru fis
Acrylate Terpolymer	Trade Secret	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Polyphenylmet hylsiloxane Copolymer	70131-69-0	Estimated BCF - Bluegill	45 days	Bioaccumulatio n Factor	2992	OECD 305E-Bioaccum Fl-thru fis

12.4. Mobility in soil

Please contact manufacturer for more details

12.5 Other adverse effects

No information available

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.

SECTION 14: Transport Information

Local Regulations

Land Transport: In accordance with Director General of Land Transportation Decree No. SK.725/AJ.302/DRJD/2004

which refer to UN Standard.

Sea Transport: In accordance with Minister of Transportation Decree No. KM 2/2010 which refer to IMDG Code Standard.

International Regulations

UN No.: Not applicable

UN Proper Shipping Name: Not applicable Transportation Class (IMO): Not applicable Transportation Class (IATA): Not applicable

Packing Group: Not applicable Marine Pollutant: Not applicable

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.

Local Inventory Status

Addendum I Government Regulation No. 74/2001:

List of Hazardous Substances Approved for Use:

Isooctane is listed as a Hazardous Substance Approved for Use.

Addendum II Government Regulation No. 74/2001:

Tab.1 List of Prohibited Substances for Use:

None of the substances are listed as a Prohibited Substance for Use.

Addendum II Government Regulation No. 74/2001:

Tab.2 List of Restricted Substances for Use:

None of the substances are listed as a Restricted Substance for Use.

Addendum I Ministry of Health Regulation No. 472/1996:

List and Classification of Hazardous Substances for Health:

None of the substances are listed and classified as a Hazardous Substance for Health.

Addendum I Act of Minister of Industry and Trade No. 254/MPP/KEP/2000

List of Hazardous Substances that are Regulated to Import Trade System:

None of the substances are listed and classified as a Hazardous Substance that is Regulated to Import Trade System.

SECTION 16: Other information

Document Group: 20-0585-8 **Version Number:** 1.00

Issue Date: 25/01/2022 **Supercedes Date:** Initial Issue

DISCLAIMER: The information on this Safety Data Sheet is based on our experience and is correct to the best of our knowledge at the date of publication, but we do not accept any liability for any loss, damage or injury resulting from its use (except as required by law). The information may not be valid for any use not referred to in this Data Sheet or use of the

product in combination with other materials. For these reasons, it is important that customers carry out their own test to satisfy themselves as to the suitability of the product for their own intended applications.

3M Indonesia SDSs are available at https://www.3m.co.id/3M/en_ID/company-id/