

Safety Data Sheet

Copyright, 2025, 3M Canada 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.

 Document group:
 29-3117-8
 Version number:
 8.04

 Issue Date:
 2025/12/17
 Supersedes Date:
 2025/09/11

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

SECTION 1: Identification

1.1. Product identifier

3MTMHigh Strength 90 Aerosol Spray Low 25% VOC

Product Identification Numbers

62-4878-4920-0 62-4878-4930-9 62-4878-4935-8

1.2. Recommended use and restrictions on use

Intended Use

Aerosol Spray Adhesive

Restrictions on use

Not applicable

1.3. Supplier's details

Company: 3M Canada Company

Division: Industrial Adhesives and Tapes 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 / 1800 364 3577

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

Aerosol: Category 1.

Serious Eye Damage/Irritation: Category 2B.

Reproductive Toxicity: Category 1B.

Specific Target Organ Toxicity (single exposure): Category 1. Specific Target Organ Toxicity (single exposure): Category 3.

Simple Asphyxiants: Category 1

2.2. Label elements

Signal word

Danger

Symbols

Flame | Exclamation mark | Health Hazard |









Hazard Statements

Extremely flammable aerosol. Pressurized container: may burst if heated.

Causes eye irritation. May damage fertility or the unborn child. May cause drowsiness or dizziness. May cause respiratory irritation. May displace oxygen and cause rapid suffocation.

Causes damage to organs: cardiovascular system.

Precautionary statements

Prevention:

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Do not breathe spray. Wash exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Wear protective gloves. In case of inadequate ventilation wear respiratory protection.

Response:

IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF exposed or concerned: Get medical attention. If eye irritation persists: Get medical advice. If experiencing respiratory symptoms: Call a POISON CENTER or doctor.

Storage:

Store in a well-ventilated place. Keep container tightly closed. Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 122°F (50°C).

Dispose of contents and container in accordance with applicable local, regional, national, and 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	Common Name
Methyl Acetate	79-20-9	30 - 60 Trade Secret *	Acetic acid, methyl ester
Non-hazardous components	Trade Secret	15 - 30	Not Applicable
Dimethyl ether	115-10-6	7 - 13	Methane, oxybis-
Propane	74-98-6	7 - 13 Trade Secret *	Propane
Hexamethyldisiloxane	107-46-0	3 - 10	Disiloxane, hexamethyl-
Tackifier	Trade Secret	5 - 10	Not Applicable
1,1-Difluoroethane	75-37-6	3 - 7 Trade Secret *	Ethane, 1,1-difluoro-

Page: 2 of 17

Cyclohexane	110-82-7	1 - 5	Cyclohexane
n-Butyl acetate	123-86-4	1 - 5 Trade Secret *	Acetic acid, butyl ester
Hexane	110-54-3	< 1	Hexane
Morpholine	110-91-8	0.1 - 1 Trade Secret *	Morpholine
Toluene	108-88-3	< 1	No Data Available

Tackifier is a non-hazardous material according to WHMIS criteria. Specific information has been withheld as a trade secret. Non-hazardous components is a non-hazardous material according to WHMIS criteria. Specific information 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. Get medical attention.

Skin Contact:

Wash with soap and water. If signs/symptoms develop, get medical attention.

Eye Contact:

Flush with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. If signs/symptoms persist, 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

Irritating to the respiratory tract (coughing, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain). Central nervous system depression (headache, dizziness, drowsiness, incoordination, nausea, slurred speech, giddiness, and unconsciousness). Target organ effects. See Section 11 for additional details.

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

Exposure may increase myocardial irritability. Do not administer sympathomimetic drugs unless absolutely necessary.

SECTION 5: Fire-fighting measures

5.1. Suitable extinguishing media

Use a fire fighting agent suitable for the surrounding fire.

5.2. Unsuitable extinguishing media

None Determined

5.3. Special hazards arising from the substance or mixture

Closed containers exposed to heat from fire may build pressure and explode. Exposure to extreme heat can give rise to thermal decomposition.

Hazardous Decomposition or By-Products

<u>Substance</u>	<u>Condition</u>
Aldehydes	During Combustion
Hydrocarbons	During Combustion
Carbon monoxide	During Combustion
Carbon dioxide	During Combustion
Hydrogen Fluoride	During Combustion

D 2 C 17

^{*}The concentration (exact or range) of this component has been withheld as a trade secret.

Ketones Toxic Vapor, Gas, Particulate During Combustion
During Combustion

5.4. Special protection 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. Warning! A motor could be an ignition source and could cause flammable gases or vapours in the spill area to burn or explode. Use personal protective equipment based on the results of an exposure assessment. Refer to Section 8 for PPE recommendations. If anticipated exposure resulting from an accidental release exceeds the protective capabilities of the PPE listed in Section 8, or are unknown, select PPE that offers an appropriate level of protection. Consider the physical and chemical hazards of the material when doing so. Examples of PPE ensembles for emergency response could include wearing bunker gear for a release of flammable material; wearing chemical protective clothing if the spilled material is a corrosive, a sensitizer, a significant dermal irritant, or can be absorbed through the skin; or donning a positive pressure supplied-air respirator for chemicals with inhalation hazards. For information regarding physical and health hazards, refer to sections 2 and 11 of the SDS.

6.2. Environmental precautions

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

If possible, seal leaking container. Place leaking containers in a well-ventilated area, preferably an operating exhaust hood, or if necessary outdoors on an impermeable surface until appropriate packaging for the leaking container or its contents is available. Contain spill. 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

Do not breathe thermal decomposition products. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Do not breathe dust/fume/gas/mist/vapours/spray. Do not get in eyes, on skin, or on clothing. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Avoid contact with oxidizing agents (eg. chlorine, chromic acid etc.) Use personal protective equipment (gloves, respirators, etc.) as required.

7.2. Conditions for safe storage including any incompatibilities

Store in a well-ventilated place. Keep container tightly closed. Protect from sunlight. Do not expose to temperatures exceeding 122°F (50°C). Store away from heat. Store away from acids. Store away from oxidizing agents. Store locked up.

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. Age	ncy Limit type	Additional Comments
------------	------------------	------------------	---------------------

Toluene	108-88-3	ACGIH	TWA:20 ppm	
Hexane	110-54-3	ACGIH	TWA:50 ppm	Danger of cutaneous absorption
Cyclohexane	110-82-7	ACGIH	TWA:100 ppm	
Morpholine	110-91-8	ACGIH	TWA:20 ppm	Danger of cutaneous absorption
Dimethyl ether	115-10-6	AIHA	TWA:1880 mg/m3(1000 ppm)	
Butyl acetates, all isomers	123-86-4	ACGIH	TWA:50 ppm;STEL:150 ppm	
Propane	74-98-6	ACGIH	Limit value not established:	simple asphyxiant
1,1-Difluoroethane	75-37-6	AIHA	TWA:2700 mg/m3(1000 ppm)	
Methyl Acetate	79-20-9	ACGIH	TWA:200 ppm;STEL:250 ppm	

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

For those situations where the material might be exposed to extreme overheating due to misuse or equipment failure, use with appropriate local exhaust ventilation sufficient to maintain levels of thermal decomposition products below their exposure guidelines. Do not remain in area where available oxygen may be reduced. 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/vapours/spray. If ventilation is not adequate, use respiratory protection equipment.

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

Select and use gloves and/or protective clothing approved to relevant local standards to prevent skin contact based on the results of an exposure assessment. Selection should be based on use factors such as exposure levels, concentration of the substance or mixture, frequency and duration, physical challenges such as temperature extremes, and other use conditions. Consult with your glove and/or protective clothing manufacturer for selection of appropriate compatible gloves/protective clothing. Note: Nitrile gloves may be worn over polymer laminate gloves to improve dexterity.

Gloves made from the following material(s) are recommended: Polymer laminate

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:

For those situations where the material might be exposed to extreme overheating due to misuse or equipment failure, use a positive pressure supplied-air respirator.

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

Half facepiece or full facepiece supplied-air respirator

Organic vapor cartridges may have short service life.

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

information on basic physical and chemical properties			
Physical state	Liquid		
Specific Physical Form:	Aerosol		
Colour	Amber		
Odour	Mild Solvent		
Odour threshold	No Data Available		
pH	Not Applicable		
Melting point/Freezing point	No Data Available		
Boiling point	No Data Available		
Flash Point	Approximately -40 °C		
Evaporation rate	1		
Flammability	Flammable Aerosol: Category 1.		
Flammable Limits(LEL)	No Data Available		
Flammable Limits(UEL)	No Data Available		
Vapour Pressure	<=551,553.1 Pa		
Relative Vapour Density	2		
Density	0.863 g/ml		
Relative density	Approximately 0.88 [Ref Std:WATER=1]		
Water solubility	Nil		
Solubility- non-water	No Data Available		
Partition coefficient: n-octanol/ water	No Data Available		
Autoignition temperature	No Data Available		
Decomposition temperature	No Data Available		
Kinematic Viscosity	116 mm2/sec		
Volatile Organic Compounds	< 25 % [Test Method:calculated per CARB title 2]		
Volatile Organic Compounds	<= 424.2 g/l [Test Method:calculated SCAQMD rule 443.1]		
Percent volatile	No Data Available		
VOC Less H2O & Exempt Solvents	No Data Available		
Molecular weight	No Data Available		
	l .		

Particle Characteristics	Not Applicable
--------------------------	----------------

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

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.

Extreme heat arising from situations such as misuse or equipment failure can generate hydrogen fluoride as a decomposition product.

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

Simple Asphyxiation: Signs/symptoms may include increased heart rate, rapid respirations, drowsiness, headache, incoordination, altered judgement, nausea, vomiting, lethargy, seizures, coma, and may be fatal. 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:

Prolonged or repeated exposure may cause: Dermal Defatting: Signs/symptoms may include localized redness, itching, drying and cracking of skin.

Eve Contact:

Moderate Eye Irritation: Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.

Ingestion:

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. Single exposure, above recommended guidelines, may cause: Cardiac Sensitization: Signs/symptoms may include irregular heartbeat (arrhythmia), faintness, chest pain, and may be fatal.

Reproductive/Developmental Toxicity:

Contains a chemical or chemicals which can cause birth defects or other reproductive harm.

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

None	Acute Toxicity		l c ·	X7 1
Overall product	Name	Route	Species	Value
Vaport 4 in No data available; calculated ATE > 5,000 mg/kg	-			
Methyl Acetate Dermal Nat	Overall product	Vapor(4 hr)		
Methyl Acetate	Overall product	Ingestion		No data available; calculated ATE >5,000 mg/kg
Methyl Acetate	Methyl Acetate	Dermal	Rat	LD50 > 2,000 mg/kg
Propane		Vapor (4	1	
Gas (4 hours) Not Available Not Not Available Not Not Available Not Not	Methyl Acetate	Ingestion	Rat	
Non-hazardous components		Gas (4		
Dimethyl ether			available	
Hexamethyldisiloxane	Non-hazardous components	Ingestion		LD50 > 2,000 mg/kg
Inhalation-vapor (4 hours) Rat LC50 106 mg/l	,	Gas (4	Rat	LC50 164,000 ppm
Vapor (4 hours) New Year			Rabbit	
Dermal Professio LD50 estimated to be > 5,000 mg/kg nal judgeme nt	,	Vapor (4 hours)		LC50 106 mg/l
Tackifier				
Inhalation-	Tackifier	Dermal	nal judgeme	LD50 estimated to be > 5,000 mg/kg
Cyclohexane Dermal Nat (LD50 > 2,000 mg/kg) Cyclohexane Inhalation-Vapor (4 hours) Rat (LC50 > 32.9 mg/l) Cyclohexane Ingestion (Napor (4 hours)) Rat (LD50 = 6,200 mg/kg) Hexane Dermal (Rabbit (LD50 > 2,000 mg/kg) Hexane Inhalation-Vapor (4 hours) Rat (LC50 = 170 mg/l) Hexane Ingestion (Anours) Rat (LD50 > 28,700 mg/kg) Hexane Ingestion (Anours) Rat (LD50 > 14,112 mg/kg) n-Butyl acetate Dermal (A hours) Rat (LC50 = 1.8 mg/l) n-Butyl acetate Inhalation-Dust/Mist (4 hours) Rat (LC50 > 21 mg/l) n-Butyl acetate Inhalation-Vapor (4 hours) Rat (LC50 > 21 mg/l) n-Butyl acetate Ingestion (Rat (LD50 > 10,760 mg/kg) Toluene Dermal (Rat (LD50 > 10,760 mg/kg) Toluene Inhalation-Vapor (4 hours) Toluene Ingestion (Rat (LD50 > 5,50 mg/kg) Morpholine Dermal (Rabbit (LD50 > 5,50 mg/kg) Morpholine Dermal (Rabbit (LD50 > 5,50 mg/kg) Morpholine Ingestion (Rat (LC50 estimated to be 10 - 20 mg/l) Morpholine Ingestion (Rat (LC50 estimated to be 10 - 20 mg/l) <td>Tackifier</td> <td>Ingestion</td> <td>Rat</td> <td></td>	Tackifier	Ingestion	Rat	
Cyclohexane Inhalation-Vapor (4 hours) Rat hours) LC50 > 32.9 mg/l Cyclohexane Ingestion Rat LD50 6,200 mg/kg Hexane Dermal Rabbit LD50 > 2,000 mg/kg Hexane Inhalation-Vapor (4 hours) Rat LC50 170 mg/l Hexane Ingestion Rat LD50 > 28,700 mg/kg n-Butyl acetate Dermal Rabbit LD50 > 14,112 mg/kg n-Butyl acetate Inhalation-Dust/Mist (4 hours) Rat LC50 1.8 mg/l n-Butyl acetate Inhalation-Vapor (4 hours) Rat LC50 > 21 mg/l n-Butyl acetate Ingestion Rat LC50 > 21 mg/l n-Butyl acetate Ingestion Rat LD50 > 10,760 mg/kg Toluene Dermal Rat LD50 > 10,760 mg/kg Toluene Inhalation-Vapor (4 hours) Rat LC50 30 mg/kg Morpholine Dermal Rat LD50 5,550 mg/kg Morpholine Dermal Rabbit LD50 5,550 mg/kg Morpholine Ingestion Rat LD50 5,650 mg/kg	1,1-Difluoroethane	Gas (4	Rat	LC50 > 437,000 ppm
Cyclohexane Ingestion Rat LD50 6,200 mg/kg Hexane Dermal Rabbit LD50 > 2,000 mg/kg Hexane Inhalation-Vapor (4 hours) Rat LC50 170 mg/l Hexane Ingestion Rat LD50 > 28,700 mg/kg n-Butyl acetate Dermal Rabbit LD50 > 14,112 mg/kg n-Butyl acetate Inhalation-Dust/Mist (4 hours) Rat LC50 1.8 mg/l n-Butyl acetate Inhalation-Dust/Mist (4 hours) Rat LC50 > 21 mg/l n-Butyl acetate Inhalation-Vapor (4 hours) Rat LC50 > 21 mg/l n-Butyl acetate Ingestion Rat LD50 > 10,760 mg/kg Toluene Dermal Rat LD50 > 10,760 mg/kg Toluene Inhalation-Vapor (4 hours) Rat LC50 > 30 mg/l Toluene Ingestion Rat LD50 5,550 mg/kg Morpholine Dermal Rat LD50 5,550 mg/kg Morpholine Inhalation-Vapor (4 hours) Rat LC50 estimated to be 10 - 20 mg/l Morpholine Ingestion Rat LD50 1	Cyclohexane	Dermal	Rat	LD50 > 2,000 mg/kg
Hexane	Cyclohexane	Vapor (4	Rat	LC50 > 32.9 mg/l
Inhalation-Vapor (4 hours) Rat LD50 > 28,700 mg/ls				
Vapor (4 hours) Rat LD50 > 28,700 mg/kg	Hexane		Rabbit	
n-Butyl acetate Dermal Inhalation Dust/Mist (4 hours) Rat (4 hours) LC50 1.8 mg/l n-Butyl acetate Inhalation Dust/Mist (4 hours) Rat (4 hours) LC50 ≥ 21 mg/l n-Butyl acetate Inhalation Vapor (4 hours) Rat LD50 ≥ 10,760 mg/kg n-Butyl acetate Ingestion Rat LD50 12,000 mg/kg Toluene Inhalation Vapor (4 hours) Rat LC50 30 mg/l Toluene Inhalation Vapor (4 hours) Rat LD50 5,550 mg/kg Morpholine Dermal Rabbit LD50 500 mg/kg Morpholine Rat LC50 estimated to be 10 - 20 mg/l Morpholine Ingestion Rat LD50 1,680 mg/kg	Hexane	Vapor (4	Rat	LC50 170 mg/l
n-Butyl acetate		Ingestion		
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$			1	
Vapor (4 hours) Vapor (4 hours) LD50 > 10,760 mg/kg n-Butyl acetate Ingestion Rat LD50 12,000 mg/kg Toluene Inhalation-Vapor (4 hours) Rat LC50 30 mg/l Toluene Ingestion Rat LD50 5,550 mg/kg Morpholine Dermal Rabbit LD50 5,550 mg/kg Morpholine Dermal Rabbit LD50 500 mg/kg Morpholine Inhalation-Vapor Rat LC50 estimated to be 10 - 20 mg/l Morpholine Ingestion Rat LD50 1,680 mg/kg	n-Butyl acetate	Dust/Mist	Rat	LC50 1.8 mg/l
Toluene Dermal Rat LD50 12,000 mg/kg Toluene Inhalation-Vapor (4 hours) Rat LD50 30 mg/l Toluene Ingestion Rat LD50 $5,550 \text{ mg/kg}$ Morpholine Dermal Rabbit LD50 500 mg/kg Morpholine Inhalation-Vapor Rat LC50 500 mg/kg Morpholine Inhalation-Vapor Rat LC50 500 mg/kg Morpholine Ingestion Rat LC50 500 mg/kg	n-Butyl acetate	Vapor (4	Rat	· ·
Inhalation-Vapor (4 hours) Rat LC50 30 mg/l	· ·			
Vapor (4 hours) Vapor (4 h				
		Vapor (4	Rat	
Morpholine Inhalation-Vapor Rat LC50 estimated to be 10 - 20 mg/l Morpholine Ingestion Rat LD50 1,680 mg/kg		Ingestion		
Vapor L LD50 1,680 mg/kg				
	•	Vapor		
		Ingestion	Rat	LD50 1,680 mg/kg

ATE = acute toxicity estimate

Skin Corrosion/Irritation

Name	Species	Value

Methyl Acetate	Rabbit	No significant irritation
Propane	Rabbit	Minimal irritation
Non-hazardous components	Professio	No significant irritation
	nal	
	judgeme	
	nt	
Hexamethyldisiloxane	Rabbit	No significant irritation
Tackifier	In vitro	No significant irritation
	data	
Cyclohexane	Rabbit	Mild irritant
Hexane	Human	Mild irritant
	and	
	animal	
n-Butyl acetate	Rabbit	No significant irritation
Toluene	Rabbit	Irritant
Morpholine	Rabbit	Corrosive

Serious Eye Damage/Irritation

Name	Species	Value
	7.11	
Methyl Acetate	Rabbit	Moderate irritant
Propane	Rabbit	Mild irritant
Non-hazardous components	Professio	No significant irritation
	nal	
	judgeme	
	nt	
Hexamethyldisiloxane	Rabbit	Mild irritant
Tackifier	In vitro	No significant irritation
	data	
Cyclohexane	Rabbit	Mild irritant
Hexane	Rabbit	Mild irritant
n-Butyl acetate	Human	Mild irritant
Toluene	Rabbit	Moderate irritant
Morpholine	Rabbit	Corrosive

Skin Sensitization

Name	Species	Value
Methyl Acetate	Human	Not classified
Non-hazardous components		Not classified
Hexamethyldisiloxane	Human	Not classified
Tackiffer	Multiple animal	Not classified
	species	
Hexane	Human	Not classified
n-Butyl acetate	Multiple	Not classified
	animal	
	species	
Toluene	Guinea	Not classified
	pig	
Morpholine	Guinea	Not classified
	pig	

Respiratory Sensitization

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

Germ Cell Mutagenicity

Geriii Cen Wittagementy		
Name	Route	Value
Methyl Acetate	In Vitro	Not mutagenic
Methyl Acetate	In vivo	Not mutagenic
Propane	In Vitro	Not mutagenic
Dimethyl ether	In Vitro	Not mutagenic

Page: 9 of 17

Dimethyl ether	In vivo	Not mutagenic
Hexamethyldisiloxane	In Vitro	Not mutagenic
Hexamethyldisiloxane	In vivo	Not mutagenic
Tackifier	In Vitro	Not mutagenic
1,1-Difluoroethane	In Vitro	Some positive data exist, but the data are not
		sufficient for classification
1,1-Difluoroethane	In vivo	Some positive data exist, but the data are not
		sufficient for classification
Cyclohexane	In Vitro	Not mutagenic
Cyclohexane	In vivo	Some positive data exist, but the data are not
		sufficient for classification
Hexane	In Vitro	Not mutagenic
Hexane	In vivo	Not mutagenic
n-Butyl acetate	In Vitro	Not mutagenic
Toluene	In Vitro	Not mutagenic
Toluene	In vivo	Not mutagenic
Morpholine	In Vitro	Some positive data exist, but the data are not
		sufficient for classification
Morpholine	In vivo	Some positive data exist, but the data are not
		sufficient for classification

Carcinogenicity

Name	Route	Species	Value
Dimethyl ether	Inhalation	Rat	Not carcinogenic
Hexamethyldisiloxane	Inhalation	Rat	Some positive data exist, but the data are not sufficient for classification
1,1-Difluoroethane	Inhalation	Rat	Some positive data exist, but the data are not sufficient for classification
Hexane	Dermal	Mouse	Not carcinogenic
Hexane	Inhalation	Mouse	Some positive data exist, but the data are not sufficient for classification
Toluene	Dermal	Mouse	Some positive data exist, but the data are not sufficient for classification
Toluene	Ingestion	Rat	Some positive data exist, but the data are not sufficient for classification
Toluene	Inhalation	Mouse	Some positive data exist, but the data are not sufficient for classification
Morpholine	Ingestion	Multiple animal species	Not carcinogenic
Morpholine	Inhalation	Rat	Not carcinogenic

Reproductive Toxicity

Reproductive and/or Developmental Effects

Name	Route	Value	Species	Test result	Exposure Duration
Dimethyl ether	Inhalation	Not classified for development	Rat	NOAEL 40,000 ppm	during organogenesi s
Hexamethyldisiloxane	Inhalation	Not classified for female reproduction	Rabbit	NOAEL 33 mg/l	2 generation
Hexamethyldisiloxane	Inhalation	Not classified for male reproduction	Rabbit	NOAEL 33 mg/l	2 generation
Hexamethyldisiloxane	Inhalation	Not classified for development	Multiple animal species	NOAEL 19.9 mg/l	during gestation
1,1-Difluoroethane	Inhalation	Not classified for development	Rat	NOAEL 50,000 ppm	during organogenesi s
Cyclohexane	Inhalation	Not classified for female reproduction	Rat	NOAEL 24 mg/l	2 generation
Cyclohexane	Inhalation	Not classified for male reproduction	Rat	NOAEL 24 mg/l	2 generation
Cyclohexane	Inhalation	Not classified for development	Rat	NOAEL 6.9	2 generation

				mg/l	
Hexane	Ingestion	Not classified for development	Mouse	NOAEL 2,200 mg/kg/day	during organogenesi s
Hexane	Inhalation	Not classified for development	Rat	NOAEL 0.7 mg/l	during gestation
Hexane	Ingestion	Toxic to male reproduction	Rat	NOAEL 1,140 mg/kg/day	90 days
Hexane	Inhalation	Toxic to male reproduction	Rat	LOAEL 3.52 mg/l	28 days
n-Butyl acetate	Inhalation	Not classified for female reproduction	Rat	NOAEL 9.5 mg/l	2 generation
n-Butyl acetate	Inhalation	Not classified for male reproduction	Rat	NOAEL 9.5 mg/l	2 generation
n-Butyl acetate	Inhalation	Not classified for development	Rat	NOAEL 3.6 mg/l	2 generation
Toluene	Inhalation	Not classified for female reproduction	Human	NOAEL Not available	occupational exposure
Toluene	Inhalation	Not classified for male reproduction	Rat	NOAEL 2.3 mg/l	1 generation
Toluene	Ingestion	Toxic to development	Rat	LOAEL 520 mg/kg/day	during gestation
Toluene	Inhalation	Toxic to development	Human	NOAEL Not available	poisoning and/or abuse
Morpholine	Ingestion	Not classified for development		NA	
Morpholine	Ingestion	Toxic to male reproduction	similar compoun ds	NOAEL 60 mg/kg/day	2 generation

Target Organ(s)

Specific Target Organ Toxicity - single exposure

Name	Route	Target Organ(s)	Value	Species	Test result	Exposure Duration
Methyl Acetate	Inhalation	central nervous system depression	May cause drowsiness or dizziness	Human and animal	NOAEL Not available	
Methyl Acetate	Inhalation	respiratory irritation	May cause respiratory irritation	Human and animal	NOAEL Not available	
Methyl Acetate	Inhalation	blindness	Not classified		NOAEL Not available	
Methyl Acetate	Ingestion	central nervous system depression	May cause drowsiness or dizziness		NOAEL Not available	
Propane	Inhalation	cardiac sensitization	Causes damage to organs	Human	NOAEL Not available	
Propane	Inhalation	central nervous system depression	May cause drowsiness or dizziness	Human	NOAEL Not available	
Propane	Inhalation	respiratory irritation	Not classified	Human	NOAEL Not available	
Dimethyl ether	Inhalation	central nervous system depression	May cause drowsiness or dizziness	Rat	LOAEL 10,000 ppm	30 minutes
Dimethyl ether	Inhalation	cardiac sensitization	Some positive data exist, but the data are not sufficient for classification	Dog	NOAEL 100,000 ppm	5 minutes
1,1-Difluoroethane	Inhalation	cardiac sensitization	Causes damage to organs	Human and animal	NOAEL Not available	poisoning and/or abuse
1,1-Difluoroethane	Inhalation	central nervous system depression	May cause drowsiness or dizziness	Human and animal	NOAEL 100,000 ppm	
1,1-Difluoroethane	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification	Not available	NOAEL Not available	not available
Cyclohexane	Inhalation	central nervous system depression	May cause drowsiness or dizziness	Human and	NOAEL Not available	

				animal		
Cyclohexane	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification	Human and animal	NOAEL Not available	
Cyclohexane	Ingestion	central nervous system depression	May cause drowsiness or dizziness	Professio nal judgeme nt	NOAEL Not available	
Hexane	Inhalation	central nervous system depression	May cause drowsiness or dizziness	Human	NOAEL Not available	not available
Hexane	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification	Rabbit	NOAEL Not available	8 hours
Hexane	Inhalation	respiratory system	Not classified	Rat	NOAEL 24.6 mg/l	8 hours
n-Butyl acetate	Inhalation	central nervous system depression	May cause drowsiness or dizziness	Human	NOAEL Not available	not available
n-Butyl acetate	Inhalation	respiratory irritation	May cause respiratory irritation	Human	NOAEL Not available	not available
n-Butyl acetate	Ingestion	central nervous system depression	May cause drowsiness or dizziness	Professio nal judgeme nt	NOAEL Not available	
Toluene	Inhalation	central nervous system depression	May cause drowsiness or dizziness	Human	NOAEL Not available	
Toluene	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification	Human	NOAEL Not available	
Toluene	Inhalation	immune system	Not classified	Mouse	NOAEL 0.004 mg/l	3 hours
Toluene	Ingestion	central nervous system depression	May cause drowsiness or dizziness	Human	NOAEL Not available	poisoning and/or abuse
Morpholine	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
Methyl Acetate	Inhalation	respiratory system	Some positive data exist, but the data are not sufficient for classification	Rat	NOAEL 1.1 mg/l	28 days
Methyl Acetate	Inhalation	endocrine system	Not classified	Rat	NOAEL 6.1 mg/l	28 days
Methyl Acetate	Inhalation	hematopoietic system	Not classified	Rat	NOAEL 6.1 mg/l	28 days
Methyl Acetate	Inhalation	liver	Not classified	Rat	NOAEL 6.1 mg/l	28 days
Methyl Acetate	Inhalation	immune system	Not classified	Rat	NOAEL 6.1 mg/l	28 days
Methyl Acetate	Inhalation	kidney and/or bladder	Not classified	Rat	NOAEL 6.1 mg/l	28 days
Dimethyl ether	Inhalation	hematopoietic system	Not classified	Rat	NOAEL 25,000 ppm	2 years
Dimethyl ether	Inhalation	liver	Not classified	Rat	NOAEL 20,000 ppm	30 weeks
Hexamethyldisiloxane	Dermal	liver	Not classified	Rat	NOAEL 1,000 mg/kg/day	4 weeks
Hexamethyldisiloxane	Dermal	kidney and/or bladder	Not classified	Rat	NOAEL 1,000 mg/kg/day	4 weeks
Hexamethyldisiloxane	Dermal	endocrine system	Not classified	Rat	NOAEL 1,000 mg/kg/day	4 weeks
Hexamethyldisiloxane	Dermal	hematopoietic system	Not classified	Rat	NOAEL 1,000	4 weeks

					mg/kg/day	
Hexamethyldisiloxane	Dermal	nervous system	Not classified	Rat	NOAEL 1,000	4 weeks
Hexamethyldisiloxane	Inhalation	hematopoietic system	Not classified	Rat	mg/kg/day NOAEL 33 mg/l	13 weeks
Hexamethyldisiloxane	Inhalation	kidney and/or bladder	Not classified	Rat	NOAEL 1.3 mg/l	13 weeks
Hexamethyldisiloxane	Inhalation	heart	Not classified	Rat	NOAEL 33 mg/l	13 weeks
Hexamethyldisiloxane	Inhalation	endocrine system	Not classified	Rat	NOAEL 33 mg/l	13 weeks
Hexamethyldisiloxane	Inhalation	liver	Not classified	Rat	NOAEL 33 mg/l	13 weeks
Hexamethyldisiloxane	Inhalation	immune system	Not classified	Rat	NOAEL 33 mg/l	13 weeks
Hexamethyldisiloxane	Inhalation	nervous system	Not classified	Rat	NOAEL 33 mg/l	13 weeks
Hexamethyldisiloxane	Inhalation	eyes	Not classified	Rat	NOAEL 33 mg/l	13 weeks
Hexamethyldisiloxane	Inhalation	respiratory system	Not classified	Rat	NOAEL 33 mg/l	13 weeks
Hexamethyldisiloxane	Ingestion	hematopoietic system	Not classified	Rat	NOAEL 640 mg/kg/day	4 weeks
Hexamethyldisiloxane	Ingestion	liver	Not classified	Rat	NOAEL 640 mg/kg/day	4 weeks
Hexamethyldisiloxane	Ingestion	immune system	Not classified	Rat	NOAEL 640 mg/kg/day	4 weeks
Hexamethyldisiloxane	Ingestion	nervous system	Not classified	Rat	NOAEL 640 mg/kg/day	4 weeks
Hexamethyldisiloxane	Ingestion	kidney and/or bladder	Not classified	Rat	NOAEL 640 mg/kg/day	4 weeks
Tackifier	Ingestion	heart	Not classified	Rat	NOAEL 331 mg/kg/day	90 days
Tackifier	Ingestion	gastrointestinal tract	Not classified	Rat	NOAEL 331 mg/kg/day	90 days
Tackifier	Ingestion	hematopoietic system	Not classified	Rat	NOAEL 331 mg/kg/day	90 days
Tackifier	Ingestion	liver	Not classified	Rat	NOAEL 331 mg/kg/day	90 days
Tackifier	Ingestion	nervous system	Not classified	Rat	NOAEL 331 mg/kg/day	90 days
Tackifier	Ingestion	eyes	Not classified	Rat	NOAEL 331	90 days
Tackifier	Ingestion	kidney and/or	Not classified	Rat	mg/kg/day NOAEL 331	90 days
1,1-Difluoroethane	Inhalation	bladder hematopoietic	Not classified	Rat	mg/kg/day NOAEL	2 years
1,1-Difluoroethane	Inhalation	kidney and/or bladder	Not classified	Rat	25,000 ppm NOAEL 25,000 ppm	2 years
1,1-Difluoroethane	Inhalation	respiratory system	Not classified	Rat	NOAEL	2 years
Cyclohexane	Inhalation	liver	Not classified	Rat	25,000 ppm NOAEL 24	90 days
Cyclohexane	Inhalation	auditory system	Not classified	Rat	mg/l NOAEL 1.7	90 days
Cyclohexane	Inhalation	kidney and/or	Not classified	Rabbit	mg/l NOAEL 2.7	10 weeks
Cyclohexane	Inhalation	bladder hematopoietic	Not classified	Mouse	mg/l NOAEL 24	14 weeks
Cyclohexane	Inhalation	system peripheral nervous	Not classified	Rat	mg/l NOAEL 8.6	30 weeks
Hexane	Inhalation	system peripheral nervous	Causes damage to organs through	Human	mg/l NOAEL Not	occupational
Hexane	Inhalation	respiratory system	prolonged or repeated exposure Some positive data exist, but the data are not sufficient for classification	Mouse	available LOAEL 1.76 mg/l	exposure 13 weeks

Page: 13 of 17

Hexane	Inhalation	liver	Not classified	Rat	NOAEL Not available	6 months
Hexane	Inhalation	kidney and/or bladder	Not classified	Rat	LOAEL 1.76 mg/l	6 months
Hexane	Inhalation	hematopoietic system	Not classified	Mouse	NOAEL 35.2 mg/l	13 weeks
Hexane	Inhalation	auditory system	Not classified	Human	NOAEL Not available	occupational exposure
Hexane	Inhalation	immune system	Not classified	Human	NOAEL Not available	occupational exposure
Hexane	Inhalation	eyes	Not classified	Human	NOAEL Not available	occupational exposure
Hexane	Inhalation	heart	Not classified	Rat	NOAEL 1.76 mg/l	6 months
Hexane	Inhalation	skin	Not classified	Rat	NOAEL 1.76 mg/l	6 months
Hexane	Inhalation	endocrine system	Not classified	Rat	NOAEL 1.76 mg/l	6 months
Hexane	Ingestion	peripheral nervous system	Some positive data exist, but the data are not sufficient for classification	Rat	NOAEL 1,140 mg/kg/day	90 days
Hexane	Ingestion	endocrine system	Not classified	Rat	NOAEL Not available	13 weeks
Hexane	Ingestion	hematopoietic system	Not classified	Rat	NOAEL Not available	13 weeks
Hexane	Ingestion	liver	Not classified	Rat	NOAEL Not available	13 weeks
Hexane	Ingestion	immune system	Not classified	Rat	NOAEL Not available	13 weeks
Hexane	Ingestion	kidney and/or bladder	Not classified	Rat	NOAEL Not available	13 weeks
n-Butyl acetate	Inhalation	endocrine system	Not classified	Rat	NOAEL 9.6 mg/l	13 weeks
n-Butyl acetate	Inhalation	hematopoietic system	Not classified	Rat	NOAEL 9.6 mg/l	13 weeks
n-Butyl acetate	Inhalation	liver	Not classified	Rat	NOAEL 9.6 mg/l	13 weeks
n-Butyl acetate	Inhalation	nervous system	Not classified	Rat	NOAEL 9.6 mg/l	13 weeks
n-Butyl acetate	Inhalation	kidney and/or bladder	Not classified	Rat	NOAEL 9.6 mg/l	13 weeks
n-Butyl acetate	Inhalation	gastrointestinal tract	Not classified	Rat	NOAEL 4.8 mg/l	13 weeks
n-Butyl acetate	Inhalation	respiratory system	Not classified	Rat	NOAEL 4.8 mg/l	13 weeks
n-Butyl acetate	Inhalation	heart	Not classified	Rat	NOAEL 9.6 mg/l	13 weeks
n-Butyl acetate	Inhalation	bone, teeth, nails, and/or hair	Not classified	Rat	NOAEL 9.6 mg/l	13 weeks
n-Butyl acetate	Inhalation	immune system	Not classified	Rat	NOAEL 9.6 mg/l	13 weeks
n-Butyl acetate	Inhalation	eyes	Not classified	Rat	NOAEL 9.6 mg/l	13 weeks
n-Butyl acetate	Inhalation	vascular system	Not classified	Rat	NOAEL 9.6 mg/l	13 weeks
Toluene	Inhalation	auditory system	Causes damage to organs through prolonged or repeated exposure	Human	NOAEL Not available	poisoning and/or abuse
Toluene	Inhalation	nervous system	Causes damage to organs through prolonged or repeated exposure	Human	NOAEL Not available	poisoning and/or abuse
Toluene	Inhalation	eyes	Causes damage to organs through prolonged or repeated exposure	Human	NOAEL Not available	poisoning and/or abuse
Toluene	Inhalation	olfactory system	Causes damage to organs through prolonged or repeated exposure	Human	NOAEL Not available	poisoning and/or abuse
Toluene	Inhalation	respiratory system	Some positive data exist, but the data are not sufficient for classification	Rat	LOAEL 2.3 mg/l	15 months
Toluene	Inhalation	heart	Not classified	Rat	NOAEL 11.3	15 weeks

Page: 14 of 17

					mg/l	
Toluene	Inhalation	liver	Not classified	Rat	NOAEL 11.3 mg/l	15 weeks
Toluene	Inhalation	kidney and/or bladder	Not classified	Rat	NOAEL 11.3 mg/l	15 weeks
Toluene	Inhalation	endocrine system	Not classified	Rat	NOAEL 1.1 mg/l	4 weeks
Toluene	Inhalation	immune system	Not classified	Mouse	NOAEL Not available	20 days
Toluene	Inhalation	bone, teeth, nails, and/or hair	Not classified	Mouse	NOAEL 1.1 mg/l	8 weeks
Toluene	Inhalation	hematopoietic system	Not classified	Human	NOAEL Not available	occupational exposure
Toluene	Inhalation	vascular system	Not classified	Human	NOAEL Not available	occupational exposure
Toluene	Inhalation	gastrointestinal tract	Not classified	Multiple animal species	NOAEL 11.3 mg/l	15 weeks
Toluene	Ingestion	nervous system	Some positive data exist, but the data are not sufficient for classification	Rat	NOAEL 625 mg/kg/day	13 weeks
Toluene	Ingestion	heart	Not classified	Rat	NOAEL 2,500 mg/kg/day	13 weeks
Toluene	Ingestion	liver	Not classified	Multiple animal species	NOAEL 2,500 mg/kg/day	13 weeks
Toluene	Ingestion	kidney and/or bladder	Not classified	Multiple animal species	NOAEL 2,500 mg/kg/day	13 weeks
Toluene	Ingestion	hematopoietic system	Not classified	Mouse	NOAEL 600 mg/kg/day	14 days
Toluene	Ingestion	endocrine system	Not classified	Mouse	NOAEL 105 mg/kg/day	28 days
Toluene	Ingestion	immune system	Not classified	Mouse	NOAEL 105 mg/kg/day	4 weeks
Morpholine	Dermal	liver	Some positive data exist, but the data are not sufficient for classification	Guinea pig	LOAEL 900 mg/kg/day	13 days
Morpholine	Dermal	kidney and/or bladder	Some positive data exist, but the data are not sufficient for classification	Guinea pig	LOAEL 900 mg/kg/day	13 days
Morpholine	Dermal	hematopoietic system	Not classified	Guinea pig	NOAEL 900 mg/kg/day	13 days
Morpholine	Inhalation	eyes	Causes damage to organs through prolonged or repeated exposure	Human	NOAEL Not available	occupational exposure
Morpholine	Inhalation	pulmonary fibrosis	May cause damage to organs though prolonged or repeated exposure	Rat	NOAEL 0.09 mg/l	13 weeks
Morpholine	Inhalation	kidney and/or bladder	Some positive data exist, but the data are not sufficient for classification	Rat	LOAEL 64 mg/l	5 days
Morpholine	Inhalation	liver	Not classified	Rat	LOAEL 64 mg/l	5 days
Morpholine	Inhalation	heart	Not classified	Rat	NOAEL 0.9 mg/l	13 weeks
Morpholine	Inhalation	endocrine system	Not classified	Rat	NOAEL 0.9 mg/l	13 weeks
Morpholine	Inhalation	gastrointestinal tract	Not classified	Rat	NOAEL 0.53 mg/l	104 weeks
Morpholine	Inhalation	nervous system	Not classified	Rat	NOAEL 0.53 mg/l	104 weeks
Morpholine	Ingestion	kidney and/or bladder	May cause damage to organs though prolonged or repeated exposure	Rat	LOAEL 160 mg/kg/day	30 days
Morpholine	Ingestion	liver	Some positive data exist, but the data are not sufficient for	Rat	NOAEL 160 mg/kg/day	30 days

Page: 15 of 17

			classification			
Morpholine	Ingestion	respiratory system	Some positive data exist, but the	Rat	NOAEL 160	30 days
			data are not sufficient for		mg/kg/day	
			classification			
Morpholine	Ingestion	hematopoietic	Not classified	Rat	NOAEL 800	30 days
_	_	system			mg/kg/day	-
Morpholine	Ingestion	endocrine system	Not classified	Rat	NOAEL 323	4 weeks
					mg/kg/day	

Aspiration Hazard

Name	Value
Cyclohexane	Aspiration hazard
Hexane	Aspiration hazard
Toluene	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.

Dispose of completely cured (or polymerized) material in a permitted industrial waste facility. As a disposal alternative, incinerate uncured product in a permitted waste incineration facility. Facility must be capable of handling aerosol cans. Combustion products will include HF. Facility must be capable of handling halogenated materials. 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

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 material are in compliance with the provisions of the Korea Chemical Control Act. Certain restrictions may apply. Contact the selling division for additional information. The components of this material are in compliance with the provisions of Australia National Industrial Chemical Notification and Assessment Scheme (NICNAS). Certain restrictions may apply. Contact the selling division for additional information. The components of this material are in compliance with the provisions of Japan Chemical Substance Control Law. Certain restrictions may apply. Contact the selling division for additional information. The components of this material are in compliance with the provisions of Philippines RA 6969 requirements. Certain restrictions may apply. Contact the selling division for additional information. The components of this product are in compliance with the new substance notification requirements of CEPA. This product complies with Measures on Environmental Management of New Chemical

Substances. All ingredients are listed on or exempt from on China IECSC inventory. The components of this product are in compliance with the chemical notification requirements of TSCA. All required components of this product are listed on the active portion of the TSCA Inventory.

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: 3 Flammability: 4 Instability: 0 Special Hazards: None Aerosol Storage Code: 3

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.

Document group:	29-3117-8	Version number:	8.04
Issue Date:	2025/12/17	Supersedes Date:	2025/09/11

The information in this Safety Data Sheet (SDS) is believed to be correct as of the date issued. The manufacturer MAKES NO WARRANTIES, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY IMPLIED WARRANTY OR CONDITION ARISING OUT OF A COURSE OF PERFORMANCE, COURSE OF DEALING, CUSTOM OR USAGE OF TRADE. User is responsible for determining whether the 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 product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the product to determine whether it is fit for a particular purpose and suitable for user's method of use or application.

3M Canada SDSs are available at www.3M.ca

Page: 17 of 17