

Safety Data Sheet

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This Safety Data Sheet has been prepared in accordance with the REACH Regulation (EC) 1907/2006 and its modifications.

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

3M Restick

Product Identification Numbers

WT-3009-6692-4 WT-3009-6694-0

7100116323 7100116330

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Adhesive

1.3. Details of the supplier of the safety data sheet

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1.4. Emergency telephone number +44 (0)1344 858 000

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture CLP REGULATION (EC) No 1272/2008

The health and environmental classifications of this material have been derived using the calculation method, except in cases where test data are available or the physical form impacts classification. Classification(s) based on test data or physical form are noted below, if applicable.

CLASSIFICATION:

Hazardous to the Aquatic Environment (Chronic), Category 3 - Aquatic Chronic 3; H412

For full text of H phrases, see Section 16.

2.2. Label elements CLP REGULATION (EC) No 1272/2008

HAZARD STATEMENTS: H412

Harmful to aquatic life with long lasting effects.

PRECAUTIONARY STATEMENTS

General: P102

Keep out of reach of children.

Disposal: P501

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

For containers not exceeding 125 ml the following Hazard and Precautionary statements may be used:

<=125 ml Hazard statements	
H412	Harmful to aquatic life with long lasting effects.

SUPPLEMENTAL INFORMATION:

Supplemental Hazard Statements	:		
EUH208	Contains	linalool.	May produce an allergic reaction.

Information required per Regulation (EU) No 528/2012 on Biocidal Products:

Contains a biocidal product (preservative): IPBC. Risk of skin sensitization.

Notes on labelling

Material does not meet eye irritation classification criteria per test data.

2.3. Other hazards

None known. This material does not contain any substances that are assessed to be a PBT or vPvB

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Ingredient	Identifier(s)	%	Classification according to Regulation
			(EC) No. 1272/2008 [CLP]
Non-Hazardous Ingredients	Mixture	30 - 50	Substance not classified as hazardous
Acrylic Polymer	(CAS-No.) 9017-68-9	10 - 30	Substance not classified as hazardous
2-Propenoic acid, 2-methyl-, polymer with butyl 2-propenoate, 2-ethylhexyl 2- propenoate and methyl 2-methyl-2-	(CAS-No.) 59372-10-0	5 - 20	Substance not classified as hazardous

propenoate			
Sodium Stearate	(CAS-No.) 822-16-2 (EC-No.) 212-490-5	< 10	Aquatic Chronic 3, H412
Polyethylene Glycol	(CAS-No.) 25322-68-3	1 - 5	Substance not classified as hazardous
1-Ethenyl-2-pyrrolidinone homopolymer; Poly(vinylpyrrolidone), Povidone	(CAS-No.) 9003-39-8	1 - 3	Substance not classified as hazardous
2-amino-2-methylpropanol	(CAS-No.) 124-68-5 (EC-No.) 204-709-8	1 - 2	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Aquatic Chronic 3, H412
Bis(2-ethylhexyl) sodium sulfosuccinate	(CAS-No.) 577-11-7 (EC-No.) 209-406-4	0.1 - 2	Skin Irrit. 2, H315 Eye Dam. 1, H318
2,4,7,9-Tetramethyldec-5-yne-4,7-diol, ethoxylated	(CAS-No.) 9014-85-1 (EC-No.) 500-022-5	0.1 - 2	Aquatic Chronic 3, H412 Eye Dam. 1, H318
linalool	(CAS-No.) 78-70-6 (EC-No.) 201-134-4	0.1 - 0.2	Skin Sens. 1B, H317 Skin Irrit. 2, H315 Eye Irrit. 2, H319
dibenzoyl peroxide	(CAS-No.) 94-36-0 (EC-No.) 202-327-6	< 0.1	Org. Perox. B, H241 Eye Irrit. 2, H319 Skin Sens. 1B, H317 Aquatic Acute 1, H400,M=10 Aquatic Chronic 1, H410,M=10
3-iodo-2-propynyl butylcarbamate	(CAS-No.) 55406-53-6 (EC-No.) 259-627-5	< 0.05	Acute Tox. 3, H331 Acute Tox. 4, H302 Eye Dam. 1, H318 Skin Sens. 1, H317 STOT RE 1, H372 Aquatic Acute 1, H400,M=10 Aquatic Chronic 1, H410,M=1

Please see section 16 for the full text of any H statements referred to in this section

Specific Concentration Limits

Ingredient	Identifier(s)	Specific Concentration Limits
linalool	(CAS-No.) 78-70-6 (EC-No.) 201-134-4	(C >= 30%) Eye Irrit. 2, H319

For information on ingredient occupational exposure limits or PBT or vPvB status, see sections 8 and 12 of this SDS

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

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

Eye contact

No need for first aid is anticipated.

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. Extinguishing media

In case of fire: Use a fire fighting agent suitable for ordinary combustible material such as water or foam to extinguish.

5.2. Special hazards arising from the substance or mixture

None inherent in this product.

Hazardous Decomposition or By-Products

Substance	<u>Condition</u>
Carbon monoxide	During combustion.
Carbon dioxide.	During combustion.
Irritant vapours or gases.	During combustion.
Organic acids.	During combustion.

5.3. Advice for fire-fighters

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. 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.

6.3. Methods and material for containment and cleaning up

Collect as much of the spilled material as possible. Place in a closed container approved for transportation by appropriate authorities. Clean up residue. Seal the container. Dispose of collected material as soon as possible.

6.4. Reference to other sections

Refer to Section 8 and Section 13 for more information

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Keep out of reach of children. Do not handle until all safety precautions have been read and understood. Avoid breathing 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 release to the environment. Use personal protective equipment (eg. gloves, respirators...) as required.

7.2. Conditions for safe storage including any incompatibilities

Store away from heat.

7.3. Specific end use(s)

See information in Section 7.1 and 7.2 for handling and storage recommendations. See Section 8 for exposure controls and personal protection recommendations.

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	CAS Nbr	Agency	Limit type	Additional comments
dibenzoyl peroxide	94-36-0	UK HSC	TWA:5 mg/m3	
UK HSC : UK Health and Safety Commiss	sion			
TWA: Time-Weighted-Average				
STEL: Short Term Exposure Limit				

CEIL: Ceiling

Biological limit values

No biological limit values exist for any of the components listed in Section 3 of this safety data sheet.

Recommended monitoring procedures:Information on recommended monitoring procedures can be obtained from UK HSC

8.2. Exposure controls

8.2.1. Engineering controls Not applicable.

8.2.2. Personal protective equipment (PPE)

Eye/face protection

Eye protection not required.

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. No chemical protective gloves are required. Note: Nitrile gloves may be worn over polymer laminate gloves to improve dexterity.

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

Material	Thickness (mm)	Breakthrough Time
Polymer laminate	>0.30	=>8 hours

The glove data presented are based on the substance driving dermal toxicity and the conditions present at the time of testing. Breakthrough time may be altered when the glove is subjected to use conditions that place additional stress on the glove.

Applicable Norms/Standards Use gloves tested to EN 374

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 vapours and particulates

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

Applicable Norms/Standards

Use a respirator conforming to EN 140 or EN 136: filter types A & P

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Solid.
Specific Physical Form:	Paste
Colour	White
Odor	Characteristic Odour
Odour threshold	No data available.
Melting point/freezing point	>=50 °C
Boiling point/boiling range	100 °C
Flammability (solid, gas)	Not classified
Flammable Limits(LEL)	Not applicable.
Flammable Limits(UEL)	Not applicable.
Flash point	Not applicable.
Autoignition temperature	No data available.
Decomposition temperature	No data available.
рН	11.7
Kinematic Viscosity	Not applicable.
Water solubility	80 - 100 %
Solubility- non-water	No data available.
Partition coefficient: n-octanol/water	No data available.
Vapour pressure	No data available.
Density	No data available.
Relative density	No data available.
Relative Vapor Density	1 - 1.2 [<i>Ref Std</i> :AIR=1]

9.2. Other information

9.2.2 Other safety characteristics EU Volatile Organic Compounds Evaporation rate Molecular weight Percent volatile

No data available. No data available. No data available. 40 - 60 %

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 polymerisation will not occur.

10.4 Conditions to avoid

Temperatures above the boiling point. High shear and high temperature conditions

10.5 Incompatible materials

None known.

10.6 Hazardous decomposition products

Substance None known. **Condition**

Refer to section 5.2 for hazardous decomposition products during combustion.

SECTION 11: Toxicological information

The information below may not agree with the EU material classification in Section 2 and/or the ingredient classifications in Section 3 if specific ingredient classifications are mandated by a competent authority. In addition, statements and data presented in Section 11 are based on UN GHS calculation rules and classifications derived from internal hazard assessments.

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

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.

Skin contact

Mild Skin Irritation: Signs/symptoms may include localised redness, swelling, itching, and dryness.

Eye contact

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

Ingestion

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

Additional Health Effects:

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.

Namo	Pouto	Spacios	Valuo
Overall product	Ingestion	species	No data available: calculated $\Delta TE > 5.000 \text{ mg/kg}$
Overall product	Ingestion		No data available, calculated ATE > 3,000 llig/kg
Acrylic Polymer	Dermal		LD50 estimated to be $> 5,000 \text{ mg/kg}$
Acrylic Polymer	Ingestion		LD50 estimated to be 2,000 - 5,000 mg/kg
Sodium Stearate	Dermal	similar	LD50 > 2,000 mg/kg
		compoun	
		ds	
Sodium Stearate	Ingestion	similar	LD50 > 2,000 mg/kg
		compoun	
		ds	
Polyethylene Glycol	Dermal	Rabbit	LD50 > 20,000 mg/kg
Polyethylene Glycol	Ingestion	Rat	LD50 32,770 mg/kg
Bis(2-ethylhexyl) sodium sulfosuccinate	Dermal	Rabbit	LD50 > 10,000 mg/kg
2,4,7,9-Tetramethyldec-5-yne-4,7-diol, ethoxylated	Dermal	Rat	LD50 > 2,000 mg/kg
2,4,7,9-Tetramethyldec-5-yne-4,7-diol, ethoxylated	Ingestion	Rat	LD50 6,400 mg/kg
Bis(2-ethylhexyl) sodium sulfosuccinate	Ingestion	Rat	LD50 > 2,100 mg/kg
2-amino-2-methylpropanol	Dermal	Rabbit	LD50 > 2,000 mg/kg
2-amino-2-methylpropanol	Ingestion	Rat	LD50 2,900 mg/kg
1-Ethenyl-2-pyrrolidinone homopolymer; Poly(vinylpyrrolidone),	Dermal		LD50 estimated to be $> 5,000 \text{ mg/kg}$
Povidone			
1-Ethenyl-2-pyrrolidinone homopolymer; Poly(vinylpyrrolidone),	Inhalation-	Rat	LC50 > 5.2 mg/l
Povidone	Dust/Mist		
	(4 hours)		
1-Ethenyl-2-pyrrolidinone homopolymer; Poly(vinylpyrrolidone),	Ingestion	Rat	LD50 100,000 mg/kg
Povidone			
linalool	Dermal	Rabbit	LD50 5,610 mg/kg
linalool	Ingestion	Rat	LD50 2,790 mg/kg
dibenzoyl peroxide	Dermal		LD50 estimated to be 2,000 - 5,000 mg/kg
dibenzoyl peroxide	Inhalation-	Rat	LC50 > 24.3 mg/l
	Dust/Mist		
	(4 hours)		
dibenzoyl peroxide	Ingestion	Rat	LD50 > 5,000 mg/kg
3-iodo-2-propynyl butylcarbamate	Dermal	Rabbit	LD50 > 2,000 mg/kg
3-iodo-2-propynyl butylcarbamate	Inhalation-	Rat	LC50 0.67 mg/l
	Dust/Mist		
	(4 hours)		
3-iodo-2-propynyl butylcarbamate	Ingestion	Rat	LD50 1,056 mg/kg

Acute Toxicity

 $\overline{ATE} = acute toxicity estimate}$

Skin Corrosion/Irritation

Name	Species	Value
Acrylic Polymer	Professio nal judgemen t	No significant irritation
Sodium Stearate	similar compoun ds	No significant irritation
Polyethylene Glycol	Rabbit	Minimal irritation
2,4,7,9-Tetramethyldec-5-yne-4,7-diol, ethoxylated	Rabbit	No significant irritation
Bis(2-ethylhexyl) sodium sulfosuccinate	Rabbit	Irritant
2-amino-2-methylpropanol	Rabbit	Irritant
1-Ethenyl-2-pyrrolidinone homopolymer; Poly(vinylpyrrolidone), Povidone	Rabbit	No significant irritation
linalool	Rabbit	Irritant
dibenzoyl peroxide	Rabbit	Minimal irritation
3-iodo-2-propynyl butylcarbamate	Rabbit	Minimal irritation

Serious Eye Damage/Irritation

Name	Species	Value

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Overall product	In vitro data	No significant irritation
Sodium Stearate	similar	No significant irritation
	compoun	
	ds	
Polyethylene Glycol	Rabbit	Mild irritant
2,4,7,9-Tetramethyldec-5-yne-4,7-diol, ethoxylated	Rabbit	Corrosive
Bis(2-ethylhexyl) sodium sulfosuccinate	Rabbit	Corrosive
2-amino-2-methylpropanol	Rabbit	Corrosive
linalool	Rabbit	Moderate irritant
dibenzoyl peroxide	Rabbit	Severe irritant
3-iodo-2-propynyl butylcarbamate	Rabbit	Corrosive

Skin Sensitisation

Name	Species	Value
Acrylic Polymer	Professio	Not classified
	nal	
	judgemen	
	t	
Sodium Stearate	similar	Not classified
	compoun	
Palvathulana Chuaal	Cuince	Not alogoified
Polyeurylene Olycol	nig	Not classified
2479-Tetramethyldec-5-yne-47-diol_ethoxylated	Mouse	Not classified
Bis(2-ethylbeyyl) sodium sulfosuccinate	Human	Not classified
2 amino 2 methylpropanol	Guinea	Not classified
2-annio-2-incuryipiopanoi	nig	Not classificu
1-Ethenyl-2-pyrrolidinone homonolymer: Poly(vinylpyrrolidone) Povidone	Human	Not classified
linalool	Mouse	Sensitising
dibenzoyl peroxide	Guinea	Sensitising
51	pig	C C
3-iodo-2-propynyl butylcarbamate	Multiple	Sensitising
	animal	
	species	

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

Germ Cell Mutagenicity

Name	Route	Value
Sodium Stearate	In Vitro	Not mutagenic
Polyethylene Glycol	In Vitro	Not mutagenic
Polyethylene Glycol	In vivo	Not mutagenic
2,4,7,9-Tetramethyldec-5-yne-4,7-diol, ethoxylated	In Vitro	Not mutagenic
Bis(2-ethylhexyl) sodium sulfosuccinate	In vivo	Not mutagenic
Bis(2-ethylhexyl) sodium sulfosuccinate	In Vitro	Some positive data exist, but the data are not
		sufficient for classification
2-amino-2-methylpropanol	In Vitro	Not mutagenic
2-amino-2-methylpropanol	In vivo	Not mutagenic
1-Ethenyl-2-pyrrolidinone homopolymer; Poly(vinylpyrrolidone), Povidone	In Vitro	Not mutagenic
dibenzoyl peroxide	In Vitro	Not mutagenic
dibenzoyl peroxide	In vivo	Not mutagenic

Carcinogenicity

Name	Route	Species	Value
Polyethylene Glycol	Ingestion	Rat	Not carcinogenic
1-Ethenyl-2-pyrrolidinone homopolymer; Poly(vinylpyrrolidone), Povidone	Ingestion	Rat	Not carcinogenic
dibenzoyl peroxide	Ingestion	Multiple	Not carcinogenic
		animal	

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		species	
dibenzoyl peroxide	Dermal	Mouse	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
Polyethylene Glycol	Ingestion	Not classified for female reproduction	Rat	NOAEL 1,125 mg/kg/day	during gestation
Polyethylene Glycol	Ingestion	Not classified for male reproduction	Rat	NOAEL 5699 +/- 1341 mg/kg/day	5 days
Polyethylene Glycol	Not specified.	Not classified for reproduction and/or development		NOEL N/A	
Polyethylene Glycol	Ingestion	Not classified for development	Mouse	NOAEL 562 mg/animal/da y	during gestation
2,4,7,9-Tetramethyldec-5-yne-4,7-diol, ethoxylated	Ingestion	Not classified for female reproduction	Rat	NOAEL 2,000 mg/kg/day	1 generation
2,4,7,9-Tetramethyldec-5-yne-4,7-diol, ethoxylated	Ingestion	Not classified for male reproduction	Rat	NOAEL 2,000 mg/kg/day	1 generation
Bis(2-ethylhexyl) sodium sulfosuccinate	Ingestion	Not classified for female reproduction	Rat	NOAEL 750 mg/kg/day	3 generation
Bis(2-ethylhexyl) sodium sulfosuccinate	Ingestion	Not classified for male reproduction	Rat	NOAEL 750 mg/kg/day	3 generation
Bis(2-ethylhexyl) sodium sulfosuccinate	Ingestion	Not classified for development	Rat	NOAEL 1,074 mg/kg/day	during organogenesis
2-amino-2-methylpropanol	Ingestion	Not classified for female reproduction	Rat	NOAEL 1,000 mg/kg/day	premating into lactation
2-amino-2-methylpropanol	Ingestion	Not classified for male reproduction	Rat	NOAEL 1,000 mg/kg/day	37 days
2-amino-2-methylpropanol	Dermal	Not classified for development	Rat	NOAEL 300 mg/kg/day	during gestation
2-amino-2-methylpropanol	Ingestion	Toxic to development	Rat	NOAEL 100 mg/kg/day	premating into lactation
1-Ethenyl-2-pyrrolidinone homopolymer; Poly(vinylpyrrolidone), Povidone	Ingestion	Not classified for development	Rat	NOAEL 5,000 mg/kg/day	during gestation
dibenzoyl peroxide	Ingestion	Not classified for female reproduction	Rat	NOAEL 1,000 mg/kg/day	premating & during gestation
dibenzoyl peroxide	Ingestion	Not classified for male reproduction	Rat	NOAEL 500 mg/kg/day	premating & during gestation
dibenzoyl peroxide	Ingestion	Not classified for development	Rat	NOAEL 500 mg/kg/day	premating & during gestation

Target Organ(s)

Specific Target Organ Toxicity - single exposure

Name	Route	Target Organ(s)	Value	Species	Test result	Exposure
						Duration
Polyethylene Glycol	Inhalation	respiratory irritation	Not classified	Rat	NOAEL	2 weeks
					1.008 mg/l	
2,4,7,9-Tetramethyldec-5-	Inhalation	respiratory irritation	Some positive data exist, but the	similar	NOAEL Not	
yne-4,7-diol, ethoxylated			data are not sufficient for	health	available	
-			classification	hazards		

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Bis(2-ethylhexyl) sodium sulfosuccinate	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification	similar health hazards	NOAEL Not available
2-amino-2-methylpropanol	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification	Mouse	NOAEL Not available
linalool	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
Polyethylene Glycol	Inhalation	respiratory system	Not classified	Rat	NOAEL	2 weeks
					1.008 mg/l	
Polyethylene Glycol	Ingestion	kidney and/or	Not classified	Rat	NOAEL	13 weeks
		bladder heart			5,640	
		endocrine system			mg/kg/day	
		hematopoietic				
		system liver				
0 4 5 0 T	×	nervous system		5	NO ARE COO	01.1
2,4,7,9-Tetramethyldec-5-	Ingestion	liver blood kidney	Not classified	Dog	NOAEL 600	91 days
yne-4,7-diol, ethoxylated	- ·	and/or bladder		-	mg/kg/day	
Bis(2-ethylhexyl) sodium	Ingestion	liver heart skin	Not classified	Rat	NOAEL	90 days
sulfosuccinate		endocrine system			1,000	
		gastrointestinal tract			mg/kg/day	
		bone, teeth, nails,				
		and/or hair				
		nematopoletic				
		system muscles				
		nervous system				
		eves kidney and/or				
		bladder respiratory				
		system vascular				
		system				
2-amino-2-methylpropanol	Ingestion	liver	Some positive data exist but the	Rat	NOAEL 23	90 days
			data are not sufficient for		mg/kg/day	,
			classification			
2-amino-2-methylpropanol	Ingestion	blood eyes kidney	Not classified	Dog	NOAEL 2.8	1 years
		and/or bladder		-	mg/kg/day	
3-iodo-2-propynyl	Inhalation	respiratory system	Causes damage to organs through	Rat	NOAEL	90 days
butylcarbamate			prolonged or repeated exposure		0.00116 mg/l	

Aspiration Hazard

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

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.

11.2. Information on other hazards

This material does not contain any substances that are assessed to be an endocrine disruptor for human health.

SECTION 12: Ecological information

The information below may not agree with the EU material classification in Section 2 and/or the ingredient classifications in Section 3 if specific ingredient classifications are mandated by a competent authority. In addition, statements and data presented in Section 12 are based on UN GHS calculation rules and classifications derived from 3M assessments.

12.1. Toxicity

No product test data available.

Material	CAS #	Organism	Туре	Exposure	Test endpoint	Test result
Acrylic Polymer	9017-68-9		Data not available or insufficient for			N/A
2-Propenoic acid, 2- methyl-, polymer with butyl 2-propenoate, 2- ethylhexyl 2- propenoate and methyl	59372-10-0		Data not available or insufficient for classification			N/A
2-methyl-2-propenoate Sodium Stearate	822-16-2	Green algae	Experimental	72 hours	EC50	150 mg/l
Sodium Stearate	822-16-2	Medaka	Experimental	96 hours	LC50	>100 mg/l
Sodium Stearate	822-16-2	Water flea	Experimental	48 hours	EC50	19 mg/l
Sodium Stearate	822-16-2	Green algae	Experimental	72 hours	NOEC	31 mg/l
Sodium Stearate	822-16-2	Water flea	Experimental	21 days	NOEC	0.48 mg/l
Polyethylene Glycol	25322-68-3	Activated sludge	Experimental		EC50	>1,000 mg/l
Polyethylene Glycol	25322-68-3	Atlantic Salmon	Experimental	96 hours	LC50	>1,000 mg/l
1-Ethenyl-2- pyrrolidinone homopolymer; Poly(vinylpyrrolidone), Povidone	9003-39-8		Data not available or insufficient for classification			N/A
2-amino-2- methylpropanol	124-68-5	Activated sludge	Experimental	3 hours	EC50	342.9 mg/l
2-amino-2- methylpropanol	124-68-5	Fish	Experimental	96 hours	LC50	184 mg/l
2-amino-2- methylpropanol	124-68-5	Green algae	Experimental	72 hours	EC50	520 mg/l
2-amino-2- methylpropanol	124-68-5	Water flea	Experimental	24 hours	EC50	65 mg/l
2,4,7,9- Tetramethyldec-5-yne- 4,7-diol, ethoxylated	9014-85-1	Activated sludge	Estimated	3 hours	EC50	630 mg/l
2,4,7,9- Tetramethyldec-5-yne- 4,7-diol, ethoxylated	9014-85-1	Fathead minnow	Estimated	96 hours	LC50	36 mg/l
2,4,7,9- Tetramethyldec-5-yne- 4,7-diol, ethoxylated	9014-85-1	Green algae	Estimated	72 hours	EC50	82 mg/l
2,4,7,9- Tetramethyldec-5-yne- 4,7-diol. ethoxylated	9014-85-1	Water flea	Estimated	48 hours	EC50	88 mg/l
2,4,7,9- Tetramethyldec-5-yne- 4,7-diol, ethoxylated	9014-85-1	Copepod	Experimental	48 hours	LC50	166 mg/l
2,4,7,9- Tetramethyldec-5-yne- 4,7-diol, ethoxylated	9014-85-1	Diatom	Experimental	72 hours	EC50	76 mg/l
2,4,7,9- Tetramethyldec-5-yne- 4,7-diol, ethoxylated	9014-85-1	Fish	Experimental	96 hours	LC50	52 mg/l
2,4,7,9- Tetramethyldec-5-yne- 4,7-diol, ethoxylated	9014-85-1	Green algae	Estimated	72 hours	EC10	15 mg/l
Bis(2-ethylhexyl) sodium sulfosuccinate	577-11-7	Green algae	Experimental	72 hours	EC50	190 mg/l
Bis(2-ethylhexyl) sodium sulfosuccinate	577-11-7	Rainbow trout	Experimental	96 hours	LC50	28 mg/l

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Bis(2-ethylhexyl) sodium sulfosuccinate	577-11-7	Water flea	Experimental	48 hours	EC50	19 mg/l
Bis(2-ethylhexyl) sodium sulfosuccinate	577-11-7	Green algae	Experimental	72 hours	NOEC	28 mg/l
Bis(2-ethylhexyl) sodium sulfosuccinate	577-11-7	Water flea	Experimental	21 days	NOEC	7 mg/l
linalool	78-70-6	Activated sludge	Experimental	3 hours	NOEC	100 mg/l
linalool	78-70-6	Activated sludge	Experimental	30 minutes	EC50	400 mg/l
linalool	78-70-6	Bacteria	Experimental	30 minutes	EC50	1,000 mg/l
linalool	78-70-6	Green algae	Experimental	72 hours	EC50	>34 mg/l
linalool	78-70-6	Rainbow trout	Experimental	96 hours	LC50	27.8 mg/l
linalool	78-70-6	Water flea	Experimental	48 hours	EC50	20 mg/l
linalool	78-70-6	Green algae	Experimental	72 hours	NOEC	5.6 mg/l
linalool	78-70-6	Water flea	Experimental	21 days	NOEC	9.5 mg/l
dibenzoyl peroxide	94-36-0	Green algae	Experimental	72 hours	EC50	0.071 mg/l
dibenzoyl peroxide	94-36-0	Rainbow trout	Experimental	96 hours	LC50	0.06 mg/l
dibenzoyl peroxide	94-36-0	Water flea	Experimental	48 hours	EC50	0.11 mg/l
dibenzoyl peroxide	94-36-0	Green algae	Experimental	72 hours	NOEC	0.02 mg/l
dibenzoyl peroxide	94-36-0	Water flea	Experimental	21 days	EC10	0.001 mg/l
dibenzoyl peroxide	94-36-0	Activated sludge	Experimental	30 minutes	EC50	35 mg/l
dibenzoyl peroxide	94-36-0	Redworm	Experimental	14 days	LC50	>1,000 mg/kg (Dry Weight)
dibenzoyl peroxide	94-36-0	Soil microbes	Experimental	28 days	EC50	2,300 mg/kg (Dry Weight)
3-iodo-2-propynyl butylcarbamate	55406-53-6	Activated sludge	Experimental	3 hours	EC50	44 mg/l
3-iodo-2-propynyl butylcarbamate	55406-53-6	Green algae	Experimental	72 hours	EC50	0.053 mg/l
3-iodo-2-propynyl butylcarbamate	55406-53-6	Rainbow trout	Experimental	96 hours	LC50	0.067 mg/l
3-iodo-2-propynyl butylcarbamate	55406-53-6	Water flea	Experimental	48 hours	LC50	0.645 mg/l
3-iodo-2-propynyl butylcarbamate	55406-53-6	Fathead minnow	Experimental	35 days	NOEC	0.0084 mg/l
3-iodo-2-propynyl butylcarbamate	55406-53-6	Green algae	Experimental	72 hours	EC10	0.013 mg/l
3-iodo-2-propynyl butylcarbamate	55406-53-6	Water flea	Experimental	21 days	NOEC	0.0499 mg/l

12.2. Persistence and degradability

Material	CAS Nbr	Test type	Duration	Study Type	Test result	Protocol
Acrylic Polymer	9017-68-9	Data not availbl- insufficient	N/A	N/A	N/A	N/A
2-Propenoic acid, 2- methyl-, polymer with butyl 2-propenoate, 2-ethylhexyl 2-propenoate and methyl 2- methyl-2-propenoate	59372-10-0	Data not availbl- insufficient	N/A	N/A	N/A	N/A
Sodium Stearate	822-16-2	Experimental Biodegradation	28 days	BOD	83 %BOD/ThB OD	OECD 301C - MITI test (I)
Polyethylene Glycol	25322-68-3	Experimental	28 days	BOD	53 %BOD/ThB	OECD 301C - MITI test (I)

		Biodegradation			OD	
1-Ethenyl-2-pyrrolidinone homopolymer; Poly(vinylpyrrolidone), Povidone	9003-39-8	Data not availbl- insufficient	N/A	N/A	N/A	N/A
2-amino-2-methylpropanol	124-68-5	Experimental Biodegradation	28 days	BOD	89.3 %BOD/Th BOD	OECD 301F - Manometric respirometry
2,4,7,9-Tetramethyldec-5- yne-4,7-diol, ethoxylated	9014-85-1	Experimental Biodegradation	28 days	BOD	0- 31 %BOD/ThB OD	OECD 301D - Closed bottle test
Bis(2-ethylhexyl) sodium sulfosuccinate	577-11-7	Experimental Biodegradation	28 days	BOD	66.7 %BOD/Th BOD	OECD 301D - Closed bottle test
linalool	78-70-6	Experimental Biodegradation	28 days	BOD	80 % weight	OECD 301C - MITI test (I)
dibenzoyl peroxide	94-36-0	Experimental Hydrolysis		Hydrolytic half-life	5.2 hours (t 1/2)	OECD 111 Hydrolysis func of pH
dibenzoyl peroxide	94-36-0	Experimental Biodegradation	28 days	BOD	71 %BOD/ThB OD	OECD 301D - Closed bottle test
3-iodo-2-propynyl butylcarbamate	55406-53-6	Experimental Biodegradation	28 days	BOD	21 %BOD/ThB OD	OECD 301F - Manometric respirometry

12.3 : Bioaccumulative potential

Material	Cas No.	Test type	Duration	Study Type	Test result	Protocol
Acrylic Polymer	9017-68-9	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
2-Propenoic acid, 2- methyl-, polymer with butyl 2-propenoate, 2- ethylhexyl 2-propenoate and methyl 2-methyl-2- propenoate	59372-10-0	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Sodium Stearate	822-16-2	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Polyethylene Glycol	25322-68-3	Estimated Bioconcentration		Bioaccumulation factor	2.3	Estimated: Bioconcentration factor
1-Ethenyl-2-pyrrolidinone homopolymer; Poly(vinylpyrrolidone), Povidone	9003-39-8	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
2-amino-2-methylpropanol	124-68-5	Experimental Bioconcentration		Log Kow	-0.63	Non-standard method
2,4,7,9-Tetramethyldec-5- yne-4,7-diol, ethoxylated	9014-85-1	Estimated BCF - Carp	28 days	Bioaccumulation factor	<24	Non-standard method
Bis(2-ethylhexyl) sodium sulfosuccinate	577-11-7	Experimental BCF - Carp	42 days	Bioaccumulation factor	<9.3	Non-standard method
linalool	78-70-6	Experimental Bioconcentration		Log Kow	2.97	Non-standard method
dibenzoyl peroxide	94-36-0	Experimental Bioconcentration		Log Kow	3.2	OECD 117 log Kow HPLC method
3-iodo-2-propynyl butylcarbamate	55406-53-6	Experimental Bioconcentration		Log Kow	2.81	Non-standard method

12.4. Mobility in soil

Material	Cas No.	Test type	Study Type	Test result	Protocol
2,4,7,9-Tetramethyldec-5- yne-4,7-diol, ethoxylated	9014-85-1	Estimated Mobility in Soil	Кос	22 l/kg	Episuite™
dibenzoyl peroxide	94-36-0	Experimental Mobility in Soil	Кос	6,310 l/kg	OECD 121 Estim. of Koc by HPLC

12.5. Results of the PBT and vPvB assessment

This material does not contain any substances that are assessed to be a PBT or vPvB

12.6. Endocrine disrupting properties

This material does not contain any substances that are assessed to be an endocrine disruptor for environmental effects

12.7. Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

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

Dispose of waste product in a permitted industrial waste facility. As a disposal alternative, incinerate in a permitted waste incineration facility. Proper destruction may require the use of additional fuel during incineration processes. 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.

The coding of a waste stream is based on the application of the product by the consumer. Since this is out of the control of 3M, no waste code(s) for products after use will be provided. Please refer to the European Waste Code (EWC - 2000/532/EC and amendments) to assign the correct waste code to your waste stream. Ensure national and/or regional regulations are complied with and always use a licensed waste contractor.

EU waste code (product as sold)

08 04 09* Waste adhesives and sealants containing organic solvents or other dangerous substances

SECTION 14: Transportation information

Not hazardous for transportation.

	Ground Transport (ADR)	Air Transport (IATA)	Marine Transport (IMDG)
14.1 UN number or ID number	No data available.	No data available.	No data available.
14.2 UN proper shipping name	No data available.	No data available.	No data available.
14.3 Transport hazard class(es)	No data available.	No data available.	No data available.
14.4 Packing group	No data available.	No data available.	No data available.
14.5 Environmental hazards	No data available.	No data available.	No data available.

14.6 Special precautions for	Please refer to the other	Please refer to the other	Please refer to the other
user	sections of the SDS for	sections of the SDS for further	sections of the SDS for
	further information.	information.	further information.
14.7 Marine Transport in	No data available.	No data available.	No data available.
bulk according to IMO			
instruments			
Control Temperature	No data available.	No data available.	No data available.
Emergency Temperature	No data available.	No data available.	No data available.
ADR Classification Code	No data available.	No data available.	No data available.
IMDG Segregation Code	No data available.	No data available.	No data available.

Please contact the address or phone number listed on the first page of the SDS for additional information on the transport/shipment of the material by rail (RID) or inland waterways (ADN).

SECTION 15: Regulatory information

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

Carcinogenicity			
<u>Ingredient</u>	<u>CAS Nbr</u>	Classification	Regulation
1-Ethenyl-2-pyrrolidinone homopolymer;	9003-39-8	Gr. 3: Not classifiable	International Agency
Poly(vinylpyrrolidone), Povidone			for Research on Cancer
dibenzoyl peroxide	94-36-0	Gr. 3: Not classifiable	International Agency
			for Research on Cancer

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 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 Japan Industrial Safety and Health Law. Certain restrictions may apply. Contact the selling division for additional information. The components of this material are in compliance with the provisions of this material are in compliance with the provisions of this material are in compliance. The components of this material are in compliance with the provisions of Japan Industrial Safety and Health 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.

DIRECTIVE 2012/18/EU

Seveso hazard categories, Annex 1, Part 1 None

Seveso named dangerous substances, Annex 1, Part 2

Dangerous Substances	Identifier(s)	Qualifying quantity (tonnes) for the application of	
		Lower-tier requirements	Upper-tier requirements
3-iodo-2-propynyl	55406-53-6	50	200
butylcarbamate			
dibenzoyl peroxide	94-36-0	10	50

Regulation (EU) No 649/2012

No chemicals listed

15.2. Chemical Safety Assessment

A chemical safety assessment has not been carried out for this substance/mixture in accordance with Regulation (EC) No 1907/2006, as amended.

SECTION 16: Other information

List of relevant H statements

H241	Heating may cause a fire or explosion.
H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H372	Causes damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Revision information:

EU Section 09: pH information information was added.

Section 03: Composition table % Column heading information was added.

Section 3: Composition/ Information of ingredients table information was modified.

Section 03: SCL table information was added.

Section 03: Substance not applicable information was added.

Section 04: Information on toxicological effects information was modified.

Section 8: glove data value information was modified.

Section 8: Personal Protection - Respiratory Information information was modified.

Section 9: Evaporation Rate information information was deleted.

Section 9: Explosive properties information information was deleted.

Section 09: Kinematic Viscosity information information was added.

Section 9: Melting point information information was modified.

Section 9: Oxidising properties information information was deleted.

Section 9: pH information information was deleted.

Section 9: Property description for optional properties information was modified.

Section 9: Vapour density value information was added.

Section 9: Vapour density value information was deleted.

Section 9: Viscosity information information was deleted.

Section 11: Acute Toxicity table information was modified.

Section 11: Germ Cell Mutagenicity Table information was modified.

Section 11: No endocrine disruptor information available warning information was added.

Section 11: Reproductive Toxicity Table information was modified.

Section 11: Serious Eye Damage/Irritation Table information was modified.

Section 11: Skin Corrosion/Irritation Table information was modified.

Section 11: Skin Sensitization Table information was modified.

Section 11: Target Organs - Repeated Table information was added. Section 11: Target Organs - Repeated Table information was deleted. Section 11: Target Organs - Single Table information was modified. Section 12: 12.6. Endocrine Disrupting Properties information was added. Section 12: 12.7. Other adverse effects information was modified. Section 12: Component ecotoxicity information information was modified. Section 12: Contact manufacturer for more detail, information was deleted. Section 12: Mobility in soil information information was added. Section 12: No endocrine disruptor information available warning information was added. Section 12: Persistence and Degradability information information was modified. Section 12:Bioccumulative potential information information was modified. Section 14 Classification Code - Main Heading information was added. Section 14 Classification Code - Regulation Data information was added. Section 14 Control Temperature - Main Heading information was added. Section 14 Control Temperature - Regulation Data information was added. Section 14 Disclaimer Information information was added. Section 14 Emergency Temperature - Main Heading information was added. Section 14 Emergency Temperature - Regulation Data information was added. Section 14 Hazard Class + Sub Risk - Main Heading information was added. Section 14 Hazard Class + Sub Risk - Regulation Data information was added. Section 14 Hazardous/Not Hazardous for Transportation information was added. Section 14 Other Dangerous Goods - Main Heading information was added. Section 14 Other Dangerous Goods - Regulation Data information was added. Section 14 Packing Group - Main Heading information was added. Section 14 Packing Group - Regulation Data information was added. Section 14 Proper Shipping Name information was added. Section 14 Regulations - Main Headings information was added. Section 14 Segregation – Regulation Data information was added. Section 14 Segregation Code - Main Heading information was added. Section 14 Special Precautions - Main Heading information was added. Section 14 Special Precautions - Regulation Data information was added. Section 14 Transport in bulk – Regulation Data information was added. Section 14 Marine transport in bulk according to IMO instruments - Main Heading information was added. Section 14 UN Number Column data information was added. Section 14 UN Number information was added. Section 15: Carcinogenicity information information was modified. Section 15: Regulations - Inventories information was added. Section 15: Seveso Substance Text information was added.

Section 2: No PBT/vPvB information available warning information was added.

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. In addition, this SDS is being provided to convey health and safety information. If you are the importer of record of this product into the European Union, you are responsible for all regulatory requirements, including, but not limited to, product registrations/notifications, substance volume tracking, and potential substance registration.

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