



## Safety Data Sheet

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This Safety Data Sheet has been prepared in accordance with the REACH Regulation (1907/2006) as amended by Regulation (EU) 2020/878

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

#### 1.1. Product identifier

3M™ Hot Melt Adhesive 3762LM-PG, 3762LM-TC, 3762LM-Q, 3762LM-B, 3762LM-AE

#### Product Identification Numbers

62-3720-9132-2

7100025246

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

##### Identified uses

Hot melt adhesive.

#### 1.3. Details of the supplier of the safety data sheet

**Address:** 3M Ireland Limited, 70 SIR JOHN ROGERSON'S QUAY, D02R296 DUBLIN 2  
**Telephone:** +353 1 280 3555  
**E Mail:** ner-productstewardship@mmm.com  
**Website:** www.3M.com

#### 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:

This material is not classified as hazardous according to Regulation (EC) No. 1272/2008, as amended, on classification, labelling, and packaging of substances and mixtures.

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

Not applicable

**SUPPLEMENTAL INFORMATION:****Supplemental Hazard Statements:**

EUH210 Safety data sheet available on request.

**Supplemental Precautionary Statements:**

Avoid contact with hot extruded molten material or applicator tip. Avoid direct eye exposure to vapours. In case of eye/skin contact with molten material, immediately flush with cold water and cover with a clean dressing. Do not attempt to remove molten material. Have burn treated by a physician.

9% of the mixture consists of components of unknown acute oral toxicity.

**2.3. Other hazards**

May cause thermal burns.

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**

<b>Ingredient</b>	<b>Identifier(s)</b>	<b>%</b>	<b>Classification according to Regulation (EC) No. 1272/2008 [CLP]</b>
Ethylene-Vinyl Acetate Polymer	(CAS-No.) 24937-78-8	40 - 60	Substance not classified as hazardous
Naphtha (petroleum), light steam-cracked, debenzenised, polymers, hydrogenated	(CAS-No.) 68132-00-3	20 - 40	Substance not classified as hazardous
Petroleum Resins	(CAS-No.) 64742-16-1 (EC-No.) 265-116-8	< 10	Aquatic Chronic 4, H413
Hydrocarbon resin	(CAS-No.) 152698-66-3	< 10	Substance not classified as hazardous
Polyethylene	(CAS-No.) 9002-88-4	< 10	Substance with a national occupational exposure limit
Paraffin Wax	(CAS-No.) 8002-74-2 (EC-No.) 232-315-6 (REACH-No.) 01-2119488076-30	< 10	Substance with a national occupational exposure limit
2,6-Di-tert-butyl-p-cresol	(CAS-No.) 128-37-0	< 0.25	Aquatic Chronic 1, H410,M=1

	(EC-No.) 204-881-4		Aquatic Acute 1, H400,M=1
vinyl acetate	(CAS-No.) 108-05-4 (EC-No.) 203-545-4	< 0.2	Flam. Liq. 2, H225 Acute Tox. 4, H332 Carc. 2, H351 STOT SE 3, H335 Nota D Aquatic Chronic 3, H412

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

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 are concerned, get medical advice.

**Skin contact**

Immediately flush skin with large amounts of cold water for at least 15 minutes. DO NOT ATTEMPT TO REMOVE MOLTEN MATERIAL. Cover affected area with a clean dressing. Get immediate medical attention.

**Eye contact**

Immediately flush eyes with large amounts of water for at least 15 minutes. DO NOT ATTEMPT TO REMOVE MOLTEN MATERIAL. Get immediate medical attention.

**If swallowed**

Rinse mouth. If you are concerned, get medical advice.

**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**

Carbon monoxide  
Carbon dioxide.

**Condition**

During combustion.  
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. Observe precautions from other sections. 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

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

For industrial/occupational use only. Not for consumer sale or use. 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. Use personal protective equipment (eg. gloves, respirators...) as required.

### 7.2. Conditions for safe storage including any incompatibilities

No special storage requirements.

### 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
vinyl acetate	108-05-4	Ireland OELs	TWA(8 hours):17.6 mg/m <sup>3</sup> (5 ppm);TWA(8 hours):5 ppm(17.6 mg/m <sup>3</sup> );STEL(15 minutes):35.2 mg/m <sup>3</sup> (10 ppm);STEL(15 minutes):10 ppm(35.2 mg/m <sup>3</sup> )	
2,6-Di-tert-butyl-p-cresol	128-37-0	Ireland OELs	TWA(8 hours):2 mg/m <sup>3</sup>	
Paraffin Wax	8002-74-2	Ireland OELs	TWA(as fume)(8 hours):2 mg/m <sup>3</sup> ;STEL(as fume)(15	

Dusts non-specific 9002-88-4 Ireland OELs minutes):6 mg/m3  
 TWA(Total inhalable dust)(8 hours):10 mg/m3;TWA(as respirable dust)(8 hours):4 mg/m3

Ireland OELs : Ireland. OELs  
 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 Indust. Inspect./Ministry (IE)

**8.2. Exposure controls**

**8.2.1. Engineering controls**

Provide appropriate local exhaust when product is heated. 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**

None 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. 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	>.3	=>8 hours
Butyl rubber.	>.3	1-4 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**

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

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 type A

**Thermal hazards**

Wear heat insulating gloves, indirect vented goggles, and a full face shield when handling hot material to prevent thermal burns.

*Applicable Norms/Standards*

Use gloves tested to EN 407

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

<b>Physical state</b>	Solid.
<b>Specific Physical Form:</b>	Waxy Solid
<b>Colour</b>	Off-White
<b>Odor</b>	Mild Resinous
<b>Odour threshold</b>	<i>No data available.</i>
<b>Melting point/freezing point</b>	96.7 °C [ <i>Test Method: Ring and Ball</i> ]
<b>Boiling point/boiling range</b>	<i>Not applicable.</i>
<b>Flammability</b>	Not applicable.
<b>Flammable Limits(LEL)</b>	<i>No data available.</i>
<b>Flammable Limits(UEL)</b>	<i>No data available.</i>
<b>Flash point</b>	293.3 °C
<b>Autoignition temperature</b>	<i>No data available.</i>
<b>Decomposition temperature</b>	<i>No data available.</i>
<b>pH</b>	<i>substance/mixture is non-soluble (in water)</i>
<b>Kinematic Viscosity</b>	<i>Not applicable.</i>
<b>Water solubility</b>	Nil
<b>Solubility- non-water</b>	<i>No data available.</i>
<b>Partition coefficient: n-octanol/water</b>	<i>No data available.</i>
<b>Vapour pressure</b>	<i>Not applicable.</i>
<b>Density</b>	1.01 g/cm <sup>3</sup>
<b>Relative density</b>	1.01 [ <i>Ref Std: WATER=1</i> ]
<b>Relative Vapour Density</b>	<i>No data available.</i>
<b>Particle Characteristics</b>	<i>Not applicable.</i>

**9.2. Other information****9.2.2 Other safety characteristics**

<b>EU Volatile Organic Compounds</b>	<i>No data available.</i>
<b>Evaporation rate</b>	<i>Not applicable.</i>
<b>Molecular weight</b>	<i>No data available.</i>
<b>Percent volatile</b>	approximately 0 % weight
<b>Solids content</b>	100 %

**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**

None known.

**10.5 Incompatible materials**

None known.

**10.6 Hazardous decomposition products**

<u>Substance</u>	<u>Condition</u>
None known.	

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**

May cause additional health effects (see below).

**Skin contact**

Thermal burns: Signs/symptoms may include intense pain, redness and swelling, and tissue destruction.

**Eye contact**

Thermal burns: Signs/symptoms may include severe pain, redness and swelling, and tissue destruction.

**Ingestion**

May cause additional health effects (see below).

**Additional Health Effects:**

**Carcinogenicity:**

Contains a chemical or chemicals which can cause cancer.

**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	Ingestion		No data available; calculated ATE >5,000 mg/kg

Ethylene-Vinyl Acetate Polymer	Dermal		LD50 estimated to be > 5,000 mg/kg
Ethylene-Vinyl Acetate Polymer	Ingestion	Rat	LD50 > 1,000 mg/kg
Naphtha (petroleum), light steam-cracked, debenzenised, polymers, hydrogenated	Dermal		LD50 estimated to be > 5,000 mg/kg
Naphtha (petroleum), light steam-cracked, debenzenised, polymers, hydrogenated	Ingestion		LD50 estimated to be > 5,000 mg/kg
Petroleum Resins	Ingestion	Rat	LD50 > 2,000 mg/kg
Petroleum Resins	Dermal	similar health hazards	LD50 estimated to be > 5,000 mg/kg
Polyethylene	Dermal		LD50 estimated to be > 5,000 mg/kg
Paraffin Wax	Dermal	Rat	LD50 > 5,000 mg/kg
Paraffin Wax	Ingestion	Rat	LD50 > 5,000 mg/kg
Polyethylene	Ingestion	Rat	LD50 > 2,000 mg/kg
vinyl acetate	Dermal	Rabbit	LD50 2,320 mg/kg
vinyl acetate	Inhalation-Vapour (4 hours)	Rat	LC50 11.3 mg/l
vinyl acetate	Ingestion	Rat	LD50 2,920 mg/kg
2,6-Di-tert-butyl-p-cresol	Dermal	Rat	LD50 > 2,000 mg/kg
2,6-Di-tert-butyl-p-cresol	Ingestion	Rat	LD50 > 2,930 mg/kg

ATE = acute toxicity estimate

**Skin Corrosion/Irritation**

Name	Species	Value
Ethylene-Vinyl Acetate Polymer	Professional judgement	No significant irritation
Naphtha (petroleum), light steam-cracked, debenzenised, polymers, hydrogenated	Professional judgement	No significant irritation
Petroleum Resins	In vitro data	No significant irritation
Paraffin Wax	Rabbit	No significant irritation
Polyethylene	Professional judgement	No significant irritation
vinyl acetate	Rabbit	Minimal irritation
2,6-Di-tert-butyl-p-cresol	Human and animal	Minimal irritation

**Serious Eye Damage/Irritation**

Name	Species	Value
Ethylene-Vinyl Acetate Polymer	Professional judgement	No significant irritation
Naphtha (petroleum), light steam-cracked, debenzenised, polymers, hydrogenated	Professional judgement	No significant irritation
Petroleum Resins	In vitro data	No significant irritation
Paraffin Wax	Rabbit	No significant irritation
vinyl acetate	Rabbit	Mild irritant
2,6-Di-tert-butyl-p-cresol	Rabbit	Mild irritant

### Skin Sensitisation

Name	Species	Value
Petroleum Resins	Mouse	Not classified
Paraffin Wax	Guinea pig	Not classified
vinyl acetate	Guinea pig	Not classified
2,6-Di-tert-butyl-p-cresol	Human	Not classified

### 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
Petroleum Resins	In Vitro	Not mutagenic
Paraffin Wax	In Vitro	Not mutagenic
vinyl acetate	In Vitro	Some positive data exist, but the data are not sufficient for classification
vinyl acetate	In vivo	Some positive data exist, but the data are not sufficient for classification
2,6-Di-tert-butyl-p-cresol	In Vitro	Not mutagenic
2,6-Di-tert-butyl-p-cresol	In vivo	Not mutagenic

### Carcinogenicity

Name	Route	Species	Value
Paraffin Wax	Ingestion	Rat	Not carcinogenic
Polyethylene	Not specified.	Multiple animal species	Some positive data exist, but the data are not sufficient for classification
vinyl acetate	Ingestion	Multiple animal species	Carcinogenic.
vinyl acetate	Inhalation	Rat	Carcinogenic.
2,6-Di-tert-butyl-p-cresol	Ingestion	Multiple animal species	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
vinyl acetate	Ingestion	Not classified for female reproduction	Rat	NOAEL 140 mg/kg/day	2 generation
vinyl acetate	Ingestion	Not classified for male reproduction	Rat	NOAEL 140 mg/kg/day	2 generation
vinyl acetate	Ingestion	Not classified for development	Rat	NOAEL 700 mg/kg/day	2 generation
vinyl acetate	Inhalation	Not classified for development	Rat	NOAEL 0.7 mg/l	during organogenesis
2,6-Di-tert-butyl-p-cresol	Ingestion	Not classified for female reproduction	Rat	NOAEL 500 mg/kg/day	2 generation
2,6-Di-tert-butyl-p-cresol	Ingestion	Not classified for male reproduction	Rat	NOAEL 500 mg/kg/day	2 generation
2,6-Di-tert-butyl-p-cresol	Ingestion	Not classified for development	Rat	NOAEL 100 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
vinyl acetate	Inhalation	respiratory irritation	May cause respiratory irritation	Human and animal	NOAEL Not available	
vinyl acetate	Inhalation	central nervous system depression	Some positive data exist, but the data are not sufficient for classification		NOAEL Not available	

**Specific Target Organ Toxicity - repeated exposure**

Name	Route	Target Organ(s)	Value	Species	Test result	Exposure Duration
Ethylene-Vinyl Acetate Polymer	Ingestion	liver	Not classified	Rat	NOAEL 4,000 mg/kg/day	90 days
Paraffin Wax	Ingestion	heart	Some positive data exist, but the data are not sufficient for classification	Rat	NOAEL 15 mg/kg/day	90 days
Paraffin Wax	Ingestion	hematopoietic system   liver   immune system   skin   endocrine system   bone, teeth, nails, and/or hair   muscles   nervous system   eyes   kidney and/or bladder   respiratory system   vascular system	Not classified	Rat	NOAEL 1,500 mg/kg/day	90 days
vinyl acetate	Inhalation	respiratory system	Some positive data exist, but the data are not sufficient for classification	Multiple animal species	NOAEL 0.2 mg/l	104 weeks
vinyl acetate	Inhalation	heart   hematopoietic system   liver   kidney and/or bladder	Not classified	Rat	NOAEL 2.1 mg/l	104 weeks
vinyl acetate	Inhalation	endocrine system	Not classified	Rat	NOAEL 0.07 mg/l	120 days
vinyl acetate	Inhalation	immune system	Not classified	Multiple animal species	NOAEL 3.5 mg/l	3 months
vinyl acetate	Inhalation	nervous system	Not classified	Multiple animal species	NOAEL 2.1 mg/l	104 weeks
vinyl acetate	Inhalation	gastrointestinal tract	Not classified	Mouse	NOAEL 3.5 mg/l	3 months
vinyl acetate	Ingestion	liver	Not classified	Rat	LOAEL 684 mg/kg/day	3 months
vinyl acetate	Ingestion	hematopoietic system   nervous system   kidney and/or bladder	Not classified	Rat	NOAEL 235 mg/kg/day	104 weeks
vinyl acetate	Ingestion	immune system   respiratory system	Not classified	Mouse	NOAEL 950 mg/kg/day	3 months
vinyl acetate	Ingestion	heart	Not classified	Rat	NOAEL 235 mg/kg/day	104 weeks
2,6-Di-tert-butyl-p-cresol	Ingestion	liver	Some positive data exist, but the data are not sufficient for classification	Rat	NOAEL 250 mg/kg/day	28 days
2,6-Di-tert-butyl-p-cresol	Ingestion	kidney and/or bladder	Not classified	Rat	NOAEL 500 mg/kg/day	2 generation
2,6-Di-tert-butyl-p-cresol	Ingestion	blood	Not classified	Rat	LOAEL 420 mg/kg/day	40 days
2,6-Di-tert-butyl-p-cresol	Ingestion	endocrine system	Not classified	Rat	NOAEL 25 mg/kg/day	2 generation

2,6-Di-tert-butyl-p-cresol	Ingestion	heart	Not classified	Mouse	NOAEL 3,480 mg/kg/day	10 weeks
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**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	Type	Exposure	Test endpoint	Test result
Ethylene-Vinyl Acetate Polymer	24937-78-8	N/A	Data not available or insufficient for classification	N/A	N/A	N/A
Naphtha (petroleum), light steam-cracked, debenzenised, polymers, hydrogenated	68132-00-3	N/A	Data not available or insufficient for classification	N/A	N/A	N/A
Hydrocarbon resin	152698-66-3	N/A	Data not available or insufficient for classification	N/A	N/A	N/A
Paraffin Wax	8002-74-2	Green algae	Analogous Compound	96 hours	EC50	>1,000 mg/l
Paraffin Wax	8002-74-2	Rainbow trout	Analogous Compound	96 hours	LC50	>1,000 mg/l
Paraffin Wax	8002-74-2	Water flea	Analogous Compound	48 hours	EC50	>10,000 mg/l
Petroleum Resins	64742-16-1	Green algae	Endpoint not reached	72 hours	EL50	>100 mg/l
Petroleum Resins	64742-16-1	Water flea	Experimental	48 hours	No tox obs at lmt of water sol	>100 mg/l
Polyethylene	9002-88-4	N/A	Data not available or insufficient for classification	N/A	N/A	N/A
2,6-Di-tert-butyl-p-cresol	128-37-0	Activated sludge	Experimental	3 hours	EC50	>10,000 mg/l
2,6-Di-tert-butyl-p-cresol	128-37-0	Green algae	Experimental	72 hours	EC50	>0.4 mg/l
2,6-Di-tert-butyl-p-cresol	128-37-0	Water flea	Experimental	48 hours	EC50	0.48 mg/l
2,6-Di-tert-butyl-p-cresol	128-37-0	Zebra Fish	Experimental	96 hours	No tox obs at lmt of water sol	>100 mg/l
2,6-Di-tert-butyl-p-cresol	128-37-0	Green algae	Experimental	72 hours	EC10	0.4 mg/l
2,6-Di-tert-butyl-p-cresol	128-37-0	Medaka	Experimental	42 days	NOEC	0.053 mg/l

2,6-Di-tert-butyl-p-cresol	128-37-0	Water flea	Experimental	21 days	NOEC	0.023 mg/l
vinyl acetate	108-05-4	Green algae	Experimental	72 hours	EC50	8.9 mg/l
vinyl acetate	108-05-4	Medaka	Experimental	96 hours	LC50	2.4 mg/l
vinyl acetate	108-05-4	Water flea	Experimental	48 hours	EC50	9.2 mg/l
vinyl acetate	108-05-4	Fathead minnow	Experimental	34 days	NOEC	0.551 mg/l
vinyl acetate	108-05-4	Green algae	Experimental	72 hours	NOEC	0.2 mg/l
vinyl acetate	108-05-4	Water flea	Experimental	21 days	NOEC	0.32 mg/l

## 12.2. Persistence and degradability

Material	CAS Nbr	Test type	Duration	Study Type	Test result	Protocol
Ethylene-Vinyl Acetate Polymer	24937-78-8	Data not available or insufficient	N/A	N/A	N/A	N/A
Naphtha (petroleum), light steam-cracked, debenzonised, polymers, hydrogenated	68132-00-3	Modeled Biodegradation	28 days	BOD	0 %BOD/ThOD	Catalogic™
Hydrocarbon resin	152698-66-3	Data not available or insufficient	N/A	N/A	N/A	N/A
Paraffin Wax	8002-74-2	Analogous Compound Biodegradation	28 days	BOD	40 %BOD/ThOD	OECD 301F - Manometric respirometry
Petroleum Resins	64742-16-1	Estimated Biodegradation	28 days	CO2 evolution	18 %CO2 evolution/THCO2 evolution	OECD 301B - Modified sturm or CO2
Polyethylene	9002-88-4	Data not available or insufficient	N/A	N/A	N/A	N/A
2,6-Di-tert-butyl-p-cresol	128-37-0	Data not available or insufficient	N/A	N/A	N/A	N/A
vinyl acetate	108-05-4	Experimental Biodegradation	14 days	BOD	90 %BOD/ThOD	OECD 301C - MITI test (I)

## 12.3 : Bioaccumulative potential

Material	Cas No.	Test type	Duration	Study Type	Test result	Protocol
Ethylene-Vinyl Acetate Polymer	24937-78-8	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Naphtha (petroleum), light steam-cracked, debenzonised, polymers, hydrogenated	68132-00-3	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Hydrocarbon resin	152698-66-3	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Paraffin Wax	8002-74-2	Modeled Bioconcentration		Log Kow	10.2	Episuite™
Petroleum Resins	64742-16-1	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Polyethylene	9002-88-4	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
2,6-Di-tert-butyl-p-cresol	128-37-0	Experimental BCF - Fish	56 days	Bioaccumulation factor	1277	OECD305-Bioconcentration
vinyl acetate	108-05-4	Experimental Bioconcentration		Log Kow	0.73	

**12.4. Mobility in soil**

No test data available.

**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 10 Waste adhesives and sealants other than those mentioned in 08 04 09  
 20 01 28 Paint, inks, adhesives and resins other than those mentioned in 20 01 27

**SECTION 14: Transportation information**

Not hazardous for transportation.

	<b>Ground Transport (ADR)</b>	<b>Air Transport (IATA)</b>	<b>Marine Transport (IMDG)</b>
<b>14.1 - UN Number or ID number</b>	No data available.	No data available.	No data available.
<b>14.2 UN proper shipping name</b>	No data available.	No data available.	No data available.
<b>14.3 Transport hazard class(es)</b>	No data available.	No data available.	No data available.
<b>14.4 Packing group</b>	No data available.	No data available.	No data available.

<b>14.5 Environmental hazards</b>	No data available.	No data available.	No data available.
<b>14.6 Special precautions for user</b>	Please refer to the other sections of the SDS for further information.	Please refer to the other sections of the SDS for further information.	Please refer to the other sections of the SDS for further information.
<b>14.7 Marine Transport in bulk according to IMO instruments</b>	No data available.	No data available.	No data available.
<b>Control Temperature</b>	No data available.	No data available.	No data available.
<b>Emergency Temperature</b>	No data available.	No data available.	No data available.
<b>ADR Classification Code</b>	No data available.	No data available.	No data available.
<b>IMDG Segregation Code</b>	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>	<u>Classification</u>	<u>Regulation</u>
2,6-Di-tert-butyl-p-cresol	128-37-0	Gr. 3: Not classifiable	International Agency for Research on Cancer
Polyethylene	9002-88-4	Gr. 3: Not classifiable	International Agency for Research on Cancer
vinyl acetate	108-05-4	Carc. 2	Regulation (EC) No. 1272/2008, Table 3.1
vinyl acetate	108-05-4	Grp. 2B: Possible human carc.	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 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.

**DIRECTIVE 2012/18/EU**

Seveso hazard categories, Annex 1, Part 1

None

Seveso named dangerous substances, Annex 1, Part 2

None

**Regulation (EU) No 649/2012**

No chemicals listed

**15.2. Chemical Safety Assessment**

A chemical safety assessment has not been carried out for this mixture. Chemical safety assessments for the contained substances may have been carried out by the registrants of the substances in accordance with Regulation (EC) No 1907/2006, as amended.

**SECTION 16: Other information**

**List of relevant H statements**

H225	Highly flammable liquid and vapour.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H351	Suspected of causing cancer.
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.
H413	May cause long lasting harmful effects to aquatic life.

**List of Relevant Notas**

Nota D	Certain substances which are susceptible to spontaneous polymerisation or decomposition are generally placed on the market in a stabilised form. It is in this form that they are listed in Part 3. However, such substances are sometimes placed on the market in a non-stabilised form. In this case, the supplier must state on the label the name of the substance followed by the words ‘non-stabilised’.
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**Revision information:**

- EU Section 14 - Table Data information was added.
- EU Section 14 - Table Headers information was added.
- Label: CLP Percent Unknown information was added.
- Section 3: Composition/ Information of ingredients table information was modified.
- Section 7: Precautions safe handling information information was modified.
- Section 8: Occupational exposure limit table information was modified.
- Section 11: Acute Toxicity table information was modified.
- Section 11: Germ Cell Mutagenicity 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 12: Component ecotoxicity information information was modified.
- Section 12: Persistence and Degradability information information was modified.
- Section 12: Biocumulative potential information information was modified.
- Section 14 Classification Code – Main Heading information was deleted.
- Section 14 Classification Code – Regulation Data information was deleted.

Section 14 Control Temperature – Main Heading information was deleted.  
Section 14 Control Temperature – Regulation Data information was deleted.  
Section 14 Emergency Temperature – Main Heading information was deleted.  
Section 14 Emergency Temperature – Regulation Data information was deleted.  
Section 14 Hazard Class + Sub Risk – Main Heading information was deleted.  
Section 14 Hazard Class + Sub Risk – Regulation Data information was deleted.  
Section 14 Other Dangerous Goods – Main Heading information was deleted.  
Section 14 Other Dangerous Goods – Regulation Data information was deleted.  
Section 14 Packing Group – Main Heading information was deleted.  
Section 14 Packing Group – Regulation Data information was deleted.  
Section 14 Proper Shipping Name information was deleted.  
Section 14 Regulations – Main Headings information was deleted.  
Section 14 Segregation – Regulation Data information was deleted.  
Section 14 Segregation Code – Main Heading information was deleted.  
Section 14 Special Precautions – Main Heading information was deleted.  
Section 14 Special Precautions – Regulation Data information was deleted.  
Section 14 Transport in bulk – Regulation Data information was deleted.  
Section 14 Marine transport in bulk according to IMO instruments – Main Heading information was deleted.  
Section 14 UN Number Column data information was deleted.  
Section 14 UN Number information was deleted.  
Two-column table displaying the unique list of H Codes and statements (std phrases) for all components of the given material. information was modified.  
Section 16: Two-column table displaying the unique list of Notas for all components of the given material. 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.

**3M Ireland MSDSs are available at [www.3M.com](http://www.3M.com)**