



## 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(TM) Hot Melt Adhesive 3762-LM-PG; 3762-LM-TC; 3762-LM-Q; 3762-LM-B, 3762-LM-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 United Kingdom PLC, 3M Centre, Cain Road, Bracknell, Berkshire, RG12 8HT.  
**Telephone:** +44 (0)1344 858 000  
**E Mail:** tox.uk@mmm.com  
**Website:** www.3M.com/uk

#### 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

##### 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

### 2.3. Other hazards

May cause thermal burns.

## SECTION 3: Composition/information on ingredients

Ingredient	CAS Nbr	EC No.	REACH Registration No.	% by Wt	Classification
Ethene, vinyl acetate copolymer	24937-78-8			40 - 60	Substance not classified as hazardous
Naphtha (petroleum), light steam-cracked, debenzenised, polymers, hydrogenated	68132-00-3			20 - 40	Substance not classified as hazardous
Naphtha, light steam-cracked aromatic, piperylene concentrate, polymerised	68478-07-9			1 - 20	Substance not classified as hazardous
Hydrocarbons, C6-20, polymers, hydrogenated	69430-35-9			<= 10	Substance not classified as hazardous
Polyolefin Wax	8002-74-2	232-315-6		5 - 10	Substance with a Community level exposure limit in the workplace

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

No need for first aid is anticipated.

#### 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

No need for first aid is anticipated.

### 4.2. Most important symptoms and effects, both acute and delayed

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

## 3M(TM) Hot Melt Adhesive 3762-LM-PG; 3762-LM-TC; 3762-LM-Q; 3762-LM-B, 3762-LM-AE

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

<u>Substance</u>	<u>Condition</u>
Carbon monoxide	During combustion.
Carbon dioxide.	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

Ventilate the area with fresh air. Observe precautions from other sections.

### 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

Avoid skin contact with hot material. For industrial/occupational use only. Not for consumer sale or use.

### 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.

<b>Ingredient</b>	<b>CAS Nbr</b>	<b>Agency</b>	<b>Limit type</b>	<b>Additional comments</b>
Polyolefin Wax	8002-74-2	UK HSC	TWA(as fume):2 mg/m <sup>3</sup> ;STEL(as fume):6 mg/m <sup>3</sup>	

UK HSC : UK Health and Safety Commission  
TWA: Time-Weighted-Average

## 3M(TM) Hot Melt Adhesive 3762-LM-PG; 3762-LM-TC; 3762-LM-Q; 3762-LM-B, 3762-LM-AE

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

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

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:

Full face shield.  
Indirect vented goggles.

#### *Applicable Norms/Standards*

Use eye/face protection conforming to EN 166

#### Skin/hand protection

No chemical protective gloves are required.

#### Respiratory protection

Under normal use conditions, airborne exposures are not expected to be significant enough to require respiratory protection.

#### Thermal hazards

Wear heat insulating gloves 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

#### Appearance

Physical state

Solid.

Colour

Off-White

Specific Physical Form:

Waxy Solid

Odor

Mild Resinous

Odour threshold

No data available.

pH

Not applicable.

Boiling point/boiling range

Not applicable.

Melting point

96.7 °C [Test Method: Ring and Ball]

Flammability (solid, gas)

Not classified

<b>Explosive properties</b>	Not classified
<b>Oxidising properties</b>	Not classified
<b>Flash point</b>	293.3 °C
<b>Autoignition temperature</b>	<i>No data available.</i>
<b>Flammable Limits(LEL)</b>	<i>No data available.</i>
<b>Flammable Limits(UEL)</b>	<i>No data available.</i>
<b>Vapour pressure</b>	<i>Not applicable.</i>
<b>Relative density</b>	1.01 [Ref Std: WATER=1]
<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>Evaporation rate</b>	<i>Not applicable.</i>
<b>Vapour density</b>	<i>No data available.</i>
<b>Decomposition temperature</b>	<i>No data available.</i>
<b>Viscosity</b>	<i>Not applicable.</i>
<b>Density</b>	1.01 g/cm <sup>3</sup>

#### 9.2. Other information

<b>EU Volatile Organic Compounds</b>	<i>No data available.</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 3M assessments.

## 11.1 Information on Toxicological effects

### Signs and Symptoms of Exposure

Based on test data and/or information on the components, this material may produce the following health effects:

#### Inhalation

No health effects are expected.

#### Skin contact

During heating:

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

#### Eye contact

During heating:

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

#### Ingestion

No known health effects.

#### 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
Ethene, vinyl acetate copolymer	Dermal		LD50 estimated to be > 5,000 mg/kg
Ethene, vinyl acetate copolymer	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
Naphtha, light steam-cracked aromatic, piperylene concentrate, polymerised	Dermal	Rabbit	LD50 > 3,160 mg/kg
Hydrocarbons, C6-20, polymers, hydrogenated	Dermal	Rat	LD50 > 2,000 mg/kg
Hydrocarbons, C6-20, polymers, hydrogenated	Ingestion	Rat	LD50 > 5,000 mg/kg
Naphtha, light steam-cracked aromatic, piperylene concentrate, polymerised	Ingestion	Rat	LD50 > 5,000 mg/kg
Polyolefin Wax	Dermal	Rat	LD50 > 5,000 mg/kg
Polyolefin Wax	Ingestion	Rat	LD50 > 5,000 mg/kg

ATE = acute toxicity estimate

#### Skin Corrosion/Irritation

Name	Species	Value
Ethene, vinyl acetate copolymer	Professional judgement	No significant irritation
Naphtha (petroleum), light steam-cracked, debenzenised, polymers, hydrogenated	Professional judgement	No significant irritation
Naphtha, light steam-cracked aromatic, piperylene concentrate, polymerised	similar compounds	No significant irritation
Polyolefin Wax	Rabbit	No significant irritation

#### Serious Eye Damage/Irritation

**3M(TM) Hot Melt Adhesive 3762-LM-PG; 3762-LM-TC; 3762-LM-Q; 3762-LM-B, 3762-LM-AE**

Name	Species	Value
Ethene, vinyl acetate copolymer	Professional judgement	No significant irritation
Naphtha (petroleum), light steam-cracked, debenzenised, polymers, hydrogenated	Professional judgement	No significant irritation
Naphtha, light steam-cracked aromatic, piperylene concentrate, polymerised	similar compounds	Mild irritant
Polyolefin Wax	Rabbit	No significant irritation

**Skin Sensitisation**

Name	Species	Value
Polyolefin Wax	Guinea pig	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
Polyolefin Wax	In Vitro	Not mutagenic

**Carcinogenicity**

Name	Route	Species	Value
Polyolefin Wax	Ingestion	Rat	Not carcinogenic

**Reproductive Toxicity**

**Reproductive and/or Developmental Effects**

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

**Target Organ(s)**

**Specific Target Organ Toxicity - single exposure**

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

**Specific Target Organ Toxicity - repeated exposure**

Name	Route	Target Organ(s)	Value	Species	Test result	Exposure Duration
Ethene, vinyl acetate copolymer	Ingestion	liver	Not classified	Rat	NOAEL 4,000 mg/kg/day	90 days
Polyolefin Wax	Ingestion	heart	Some positive data exist, but the data are not sufficient for classification	Rat	NOAEL 15 mg/kg/day	90 days
Polyolefin 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	Not classified	Rat	NOAEL 1,500 mg/kg/day	90 days

**3M(TM) Hot Melt Adhesive 3762-LM-PG; 3762-LM-TC; 3762-LM-Q; 3762-LM-B, 3762-LM-AE**

		system   vascular system				
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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.

**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
Ethene, vinyl acetate copolymer	24937-78-8		Data not available or insufficient for classification			
Naphtha (petroleum), light steam-cracked, debenzenised, polymers, hydrogenated	68132-00-3		Data not available or insufficient for classification			
Naphtha, light steam-cracked aromatic, piperylene concentrate, polymerised	68478-07-9		Data not available or insufficient for classification			
Hydrocarbons, C6-20, polymers, hydrogenated	69430-35-9		Data not available or insufficient for classification			
Polyolefin Wax	8002-74-2	Green algae	Estimated	96 hours	EC50	>1,000 mg/l
Polyolefin Wax	8002-74-2	Rainbow trout	Estimated	96 hours	LC50	>1,000 mg/l
Polyolefin Wax	8002-74-2	Water flea	Estimated	48 hours	EC50	>10,000 mg/l

**12.2. Persistence and degradability**

Material	CAS Nbr	Test type	Duration	Study Type	Test result	Protocol
Ethene, vinyl acetate copolymer	24937-78-8	Data not availbl-insufficient			N/A	
Naphtha (petroleum), light steam-cracked, debenzenised, polymers, hydrogenated	68132-00-3	Estimated Biodegradation	28 days	BOD	0 % BOD/ThBOD	Other methods
Naphtha, light steam-cracked aromatic, piperylene concentrate, polymerised	68478-07-9	Data not availbl-insufficient			N/A	
Hydrocarbons, C6-20, polymers, hydrogenated	69430-35-9	Data not availbl-insufficient			N/A	
Polyolefin Wax	8002-74-2	Estimated Biodegradation	28 days	BOD	40 % weight	OECD 301F - Manometric respirometry

**12.3 : Bioaccumulative potential**



**3M(TM) Hot Melt Adhesive 3762-LM-PG; 3762-LM-TC; 3762-LM-Q; 3762-LM-B, 3762-LM-AE**

Material	Cas No.	Test type	Duration	Study Type	Test result	Protocol
Ethene, vinyl acetate copolymer	24937-78-8	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Naphtha (petroleum), light steam-cracked, debenzenised, polymers, hydrogenated	68132-00-3	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Naphtha, light steam-cracked aromatic, piperylene concentrate, polymerised	68478-07-9	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Hydrocarbons, C6-20, polymers, hydrogenated	69430-35-9	Data not available or insufficient for classification	N/A	N/A	N/A	N/A
Polyolefin Wax	8002-74-2	Estimated Bioconcentration		Log Kow	10.2	Estimated: Octanol-water partition coefficient

**12.4. Mobility in soil**

Please contact manufacturer for more details

**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. 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.

This product has been classified as a non-hazardous waste. Prior to disposal, consult all applicable authorities and regulations to insure proper classification. 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**

62-3720-9132-2

Not hazardous for transportation

**SECTION 15: Regulatory information**

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

### 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

### Revision information:

Section 1: Product name information was modified.  
Section 01: SAP Material Numbers information was added.  
Section 2.1: Classification information information was deleted.  
Section 3: Composition/ Information of ingredients table information was added.  
Section 3: Composition/ Information of ingredients table information was deleted.  
Section 3: Reference to H statement explanation in Section 016 information was added.  
Section 3: Reference to R and H statement explanation in Section 16 information was deleted.  
Section 3: Reference to section 15 for Nota info information was deleted.  
Section 5: Fire - Advice for fire fighters information information was modified.  
Section 5: Hazardous combustion products table information was modified.  
Section 7: Precautions safe handling information information was modified.  
Section 8: Occupational exposure limit table information was added.  
Section 8: Occupational exposure limit table information was modified.  
OEL Reg Agency Desc information was modified.  
Section 09: Color information was added.  
Section 09: Odor information was added.  
Sections 3 and 9: Odour, colour, grade information information was deleted.  
Section 9: Property description for optional properties information was added.  
Section 9: Property description for optional properties information was deleted.  
Section 9: Vapor density text information was deleted.  
Section 9: Vapour density value information was added.  
Section 9: Vapour pressure value information was added.  
Section 11: Acute Toxicity table information was modified.  
Section 11: Aspiration Hazard text information was added.  
Section 11: Carcinogenicity Table information was added.  
Section 11: Germ Cell Mutagenicity Table information was added.  
Section 11: Health Effects - Ingestion information information was modified.  
Section 11: Respiratory Sensitization text information was added.  
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 added.  
Section 11: Specific Target Organ Toxicity - single exposure text information was added.  
Section 11: Target Organs - Repeated Table information was modified.  
Section 12: Component ecotoxicity information information was modified.  
Section 12: No PBT/vPvB information available warning information was added.  
Section 12: PBT/vPvB table row information was deleted.  
Section 12: Persistence and Degradability information information was modified.  
Section 12: Biocumulative potential information information was modified.  
Section 13: 13.1. Waste disposal note information was modified.  
Section 13: Standard Phrase Category Waste GHS information was modified.  
Section 15: Chemical Safety Assessment information was modified.  
Section 15: Regulations - Inventories information was deleted.

Section 16: UK disclaimer information was deleted.

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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