



Safety Data Sheet

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|------------------------|------------|-------------------------|------------|
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This Safety Data Sheet has been prepared in accordance with the REACH Regulation (1907/2006), as amended for GB.

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

1.1. Product identifier

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

Product Identification Numbers

62-3762-9132-4 62-3762-9330-4 62-3762-9830-3

7100023053 7000046513 7100020333

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

Identified uses

Product

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: ner-productstewardship@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

The retained CLP Regulation (EU) No 1272/2008 as amended for Great Britain

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 4 - Aquatic Chronic 4; H413

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

For full text of H phrases, see Section 16.

2.2. Label elements

The retained CLP Regulation (EU) No 1272/2008 as amended for Great Britain

Not applicable

HAZARD STATEMENTS:

H413 May cause long lasting harmful effects to aquatic life.

SUPPLEMENTAL INFORMATION:

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.

30% of the mixture consists of components of unknown acute oral toxicity.

Contains 45% of components with unknown hazards to the aquatic environment.

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

| Ingredient | Identifier(s) | % | Classification according to Regulation (EC) No. 1272/2008 [CLP], as amended for GB |
|--------------------------------|--|----------|---|
| Ethylene-Vinyl Acetate Polymer | (CAS-No.) 24937-78-8 | < 45 | Substance not classified as hazardous |
| Hydrocarbon resin | (CAS-No.) 64742-16-1 (EC-No.) 265-116-8 | <= 30 | Aquatic Chronic 4, H413 |
| Non-Volatile Compounds | Trade Secret | < 20 | Substance not classified as hazardous |
| Paraffin Wax | (CAS-No.) 8002-74-2 (EC-No.) 232-315-6 | 1 - 20 | Substance with a national occupational exposure limit |
| 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

| <u>Substance</u> | <u>Condition</u> |
|---------------------------------|--------------------|
| Aldehydes. | During combustion. |
| Carbon monoxide | During combustion. |
| Carbon dioxide. | During combustion. |
| Toxic vapour, gas, particulate. | 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. 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

Avoid skin contact with hot material. 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. Avoid release to the environment. 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 | Identifier(s) | Agency | Limit type | Additional comments |
|---------------|---------------|--------|---|---------------------|
| vinyl acetate | 108-05-4 | UK HSE | TWA:17.6 mg/m ³ (5 ppm);STEL:35.2 mg/m ³ (10 ppm) | |
| Paraffin Wax | 8002-74-2 | UK HSE | TWA(as fume):2 mg/m ³ ;STEL(as fume):6 mg/m ³ | |

UK HSE : UK Health and Safety Commission

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.

8.2. Exposure controls

8.2.1. Engineering controls

Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below relevant Exposure Limits and/or control dust/fume/gas/mist/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

| | |
|-------------------------------------|---------------------------|
| Physical state | Solid. |
| Specific Physical Form: | Waxy Solid |
| Colour | Tan |
| Odor | Odourless |
| Odour threshold | <i>No data available.</i> |
| Melting point/freezing point | <i>No data available.</i> |

| | |
|---|--|
| Boiling point/boiling range | <i>Not applicable.</i> |
| Flammability | Not applicable. |
| Flammable Limits(LEL) | <i>Not applicable.</i> |
| Flammable Limits(UEL) | <i>Not applicable.</i> |
| Flash point | 260 °C [<i>Test Method:</i> Cleveland Open Cup] [<i>Details:Conditions:</i> ASTM D-92-72] |
| Autoignition temperature | <i>No data available.</i> |
| Decomposition temperature | <i>No data available.</i> |
| pH | <i>substance/mixture is non-soluble (in water)</i> |
| Kinematic Viscosity | <i>Not applicable.</i> |
| Water solubility | Nil |
| Solubility- non-water | <i>No data available.</i> |
| Partition coefficient: n-octanol/water | <i>No data available.</i> |
| Density | 0.95 g/ml |
| Relative density | 0.95 [<i>Ref Std:</i> WATER=1] |
| Relative Vapour Density | Nil |
| Particle Characteristics | <i>Not applicable.</i> |

9.2. Other information

9.2.2 Other safety characteristics

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

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 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 hazard classes as defined in the retained CLP Regulation (EU) No 1272/2008, as amended for Great Britain.

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. 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 |
| Hydrocarbon resin | Ingestion | Rat | LD50 > 2,000 mg/kg |
| Hydrocarbon resin | Dermal | similar health hazards | LD50 estimated to be > 5,000 mg/kg |
| Non-Volatile Compounds | Dermal | Rat | LD50 > 2,000 mg/kg |
| Non-Volatile Compounds | Ingestion | Rat | LD50 > 2,000 mg/kg |
| Paraffin Wax | Dermal | Rat | LD50 > 5,000 mg/kg |
| Paraffin Wax | Ingestion | Rat | LD50 > 5,000 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 |

ATE = acute toxicity estimate

Skin Corrosion/Irritation

| Name | Species | Value |
|------|---------|-------|
| | | |

| | | |
|--------------------------------|------------------------|---------------------------|
| Ethylene-Vinyl Acetate Polymer | Professional judgement | No significant irritation |
| Hydrocarbon resin | In vitro data | No significant irritation |
| Non-Volatile Compounds | Rabbit | No significant irritation |
| Paraffin Wax | Rabbit | No significant irritation |
| vinyl acetate | Rabbit | Minimal irritation |

Serious Eye Damage/Irritation

| Name | Species | Value |
|--------------------------------|------------------------|---------------------------|
| Ethylene-Vinyl Acetate Polymer | Professional judgement | No significant irritation |
| Hydrocarbon resin | In vitro data | No significant irritation |
| Non-Volatile Compounds | Rabbit | Mild irritant |
| Paraffin Wax | Rabbit | No significant irritation |
| vinyl acetate | Rabbit | Mild irritant |

Skin Sensitisation

| Name | Species | Value |
|------------------------|------------------|----------------|
| Hydrocarbon resin | Mouse | Not classified |
| Non-Volatile Compounds | Human and animal | Not classified |
| Paraffin Wax | Guinea pig | Not classified |
| vinyl acetate | 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 |
|-------------------|----------|--|
| Hydrocarbon resin | 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 |

Carcinogenicity

| Name | Route | Species | Value |
|---------------|------------|-------------------------|------------------|
| Paraffin Wax | Ingestion | Rat | Not carcinogenic |
| vinyl acetate | Ingestion | Multiple animal species | Carcinogenic. |
| vinyl acetate | Inhalation | Rat | Carcinogenic. |

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 | 2 generation |

| | | | | mg/kg/day | |
|---------------|------------|--------------------------------------|-----|---------------------|----------------------|
| 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 |

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 | Not classified | Mouse | NOAEL 950 | 3 months |

| | | | | | | |
|---------------|-----------|--------------------|----------------|-----|---------------------|-----------|
| | | respiratory system | | | mg/kg/day | |
| vinyl acetate | Ingestion | heart | Not classified | Rat | NOAEL 235 mg/kg/day | 104 weeks |

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 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 | Identifier(s) | 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 |
| Hydrocarbon resin | 64742-16-1 | Green algae | Endpoint not reached | 72 hours | EL50 | >100 mg/l |
| Hydrocarbon resin | 64742-16-1 | Water flea | Experimental | 48 hours | No tox obs at lmt of water sol | >100 mg/l |
| Non-Volatile Compounds | Trade Secret | Green algae | Analogous Compound | 72 hours | No tox obs at lmt of water sol | >100 mg/l |
| Non-Volatile Compounds | Trade Secret | Rainbow trout | Analogous Compound | 96 hours | No tox obs at lmt of water sol | >100 mg/l |
| Non-Volatile Compounds | Trade Secret | Water flea | Analogous Compound | 48 hours | No tox obs at lmt of water sol | >100 mg/l |
| Non-Volatile Compounds | Trade Secret | Green algae | Analogous Compound | 72 hours | No tox obs at lmt of water sol | >100 mg/l |
| 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 |
| 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 | Identifier(s) | Test type | Duration | Study Type | Test result | Protocol |
|--------------------------------|---------------|-----------------------------------|----------|---------------|-------------------------------------|-------------------------------------|
| Ethylene-Vinyl Acetate Polymer | 24937-78-8 | Data not available/insufficient | N/A | N/A | N/A | N/A |
| Hydrocarbon resin | 64742-16-1 | Estimated Biodegradation | 28 days | CO2 evolution | 18 %CO2 evolution/THCO2 evolution | OECD 301B - Modified sturm or CO2 |
| Non-Volatile Compounds | Trade Secret | Experimental Biodegradation | 28 days | CO2 evolution | 47.3 %CO2 evolution/THCO2 evolution | OECD 301B - Modified sturm or CO2 |
| Paraffin Wax | 8002-74-2 | Analogous Compound Biodegradation | 28 days | BOD | 40 %BOD/ThOD | OECD 301F - Manometric respirometry |
| vinyl acetate | 108-05-4 | Experimental Biodegradation | 14 days | BOD | 90 %BOD/ThOD | OECD 301C - MITI test (I) |

12.3 : Bioaccumulative potential

| Material | Identifier(s) | 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 |
| Hydrocarbon resin | 64742-16-1 | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |
| Non-Volatile Compounds | Trade Secret | Analogous Compound BCF - Fish | 20 days | Bioaccumulation factor | ≤129 | |
| Non-Volatile Compounds | Trade Secret | Experimental Bioconcentration | | Log Kow | 5.8 | OECD 117 log Kow HPLC method |
| Paraffin Wax | 8002-74-2 | Modeled Bioconcentration | | Log Kow | 10.2 | Episuite™ |
| 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. Other adverse effects

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

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.

| | 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 user | 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. |
| 14.7 Marine Transport in bulk according to IMO instruments | No data available. | No data available. | No data available. |
| 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
Ingredient**

| Ingredient | Identifier(s) | Classification | Regulation |
|-------------------|----------------------|-------------------------------|---|
| vinyl acetate | 108-05-4 | Carc. 2 | The retained CLP Regulation (EU) No 1272/2008, as amended for Great Britain, UK Mandatory Classification and Labelling list |
| vinyl acetate | 108-05-4 | Grp. 2B: Possible human carc. | International Agency for Research on Cancer |

Restrictions on the manufacture, placing on the market and use:**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 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.

COMAH Regulation, SI 2015/483

Seveso hazard categories, Annex 1, Part 1
None

Seveso named dangerous substances, Annex 1, Part 2
None

Regulation (EU) No 649/2012, as amended for GB

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 for GB.

SECTION 16: Other information**List of relevant H statements**

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| H225 | Highly flammable liquid and vapour. |
| H332 | Harmful if inhaled. |
| H335 | May cause respiratory irritation. |
| H351 | Suspected of causing cancer. |
| 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.
 GB Section 15: Carcinogenicity information information was added.
 GBSDS Section 14 Transport in bulk - Main Heading information was deleted.
 GBSDS Section 14 UN Number information was deleted.
 Section 2: H phrase reference information was added.
 Label: CLP Classification information was added.
 Label: CLP Environmental Hazard Statements information was added.
 Section 02: Label Elements: GB Percent Unknown information was added.
 Section 3: Composition/ Information of ingredients table information was modified.
 Section 4: First aid for ingestion (swallowing) information information was modified.
 Section 4: First aid for inhalation information information was modified.
 Section 6: Accidental release personal information information was modified.
 Section 7: Precautions safe handling information information was modified.
 Section 8: glove data value information was added.
 Section 8: Occupational exposure limit table information was modified.
 Section 8: Personal Protection - Respiratory Information information was added.
 Section 8: Personal Protection - Skin/hand information information was modified.
 Section 8: Respiratory protection - recommended respirators guide information was added.
 Section 8: Respiratory protection - recommended respirators information information was added.
 Section 8: Respiratory protection information information was deleted.
 Section 8: Skin protection - recommended gloves text information was added.
 Section 11: Acute Toxicity table information was modified.
 Section 11: Cancer Hazards information information was added.
 Section 11: Carcinogenicity Table information was modified.
 Section 11: Germ Cell Mutagenicity Table information was modified.
 Section 11: Health Effects - Ingestion information information was modified.
 Section 11: Health Effects - Inhalation information information was modified.
 Section 11: Reproductive Toxicity Table 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 modified.
 Section 11: Specific Target Organ Toxicity - single exposure text information was deleted.
 Section 11: Target Organs - Repeated Table information was modified.
 Section 11: Target Organs - Single Table information was added.
 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 13: Standard Phrase Category Waste GHS 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 UN Number Column data 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 added.

Section 16: Two-column table displaying the unique list of Notas for all components of the given material. information was added.

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