



## 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

Scotch® Liquid Super Glue Precision Applicator AD124

#### Product Identification Numbers

70-0051-7126-2

7100045780

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

##### Identified uses

Glue

#### 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

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:

Skin Corrosion/Irritation, Category 2 - Skin Irrit. 2; H315  
 Serious Eye Damage/Eye Irritation, Category 2 - Eye Irrit. 2; H319  
 Specific Target Organ Toxicity-Single Exposure, Category 3 - STOT SE 3; H335

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**

**SIGNAL WORD**

WARNING.

**Symbols**

GHS07 (Exclamation mark) |

**Pictograms**



| Ingredient                | CAS Nbr   | EC No.    | % by Wt    |
|---------------------------|-----------|-----------|------------|
| ethyl 2-cyanoacrylate     | 7085-85-0 | 230-391-5 | 60 - 100   |
| Poly(methyl methacrylate) | 9011-14-7 |           | 10 - 30    |
| 1,4-dihydroxybenzene      | 123-31-9  | 204-617-8 | 0.05 - 0.1 |

**HAZARD STATEMENTS:**

H315 Causes skin irritation.  
 H319 Causes serious eye irritation.  
 H335 May cause respiratory irritation.

**PRECAUTIONARY STATEMENTS**

**General:**

P102 Keep out of reach of children.

**Prevention:**

P261A Avoid breathing vapours.  
 P271 Use only outdoors or in a well-ventilated area.

**Response:**

P332 + P313 If skin irritation occurs: Get medical advice/attention.

**Storage:**

P405 Store locked up.

**Disposal:**

P501 Dispose of contents/container in accordance with applicable local/regional/national/international regulations.

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

**<=125 ml Hazard statements**

H335 May cause respiratory irritation.

**<=125 ml Precautionary statements**

**General:**

P102 Keep out of reach of children.

**Prevention:**

P261A Avoid breathing vapours.  
 P271 Use only outdoors or in a well-ventilated area.

**Storage:**

P405 Store locked up.

**Disposal:**

P501 Dispose of contents/container in accordance with applicable local/regional/national/international regulations.

**SUPPLEMENTAL INFORMATION:**

**Supplemental Hazard Statements:**

EUH202 Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children.  
 EUH208 May produce an allergic reaction.

**Supplemental Precautionary Statements:**

Avoid eye and skin contact. If eyelids are bonded, do not force open. In case of skin bonding, quickly soak in warm water and avoid excessive force to free bonded area.

**2.3. Other hazards**

May bond tissue rapidly. Contact through clothing 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   |
|---------------------------|---|------------|--|
| ethyl 2-cyanoacrylate     | (CAS-No.) 7085-85-0<br>(EC-No.) 230-391-5 | 60 - 100   | Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>STOT SE 3, H335   |
| Poly(methyl methacrylate) | (CAS-No.) 9011-14-7                       | 10 - 30    | Substance not classified as hazardous  |
| 1,4-dihydroxybenzene      | (CAS-No.) 123-31-9<br>(EC-No.) 204-617-8  | 0.05 - 0.1 | Acute Tox. 4, H302<br>Eye Dam. 1, H318<br>Skin Sens. 1B, H317<br>Muta. 2, H341<br>Carc. 2, H351<br>Aquatic Acute 1, H400,M=10<br>Aquatic Chronic 1, H410,M=1 |

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

**Specific Concentration Limits**

| Ingredient            | Identifier(s)                             | Specific Concentration Limits |
|-----------------------|---|-------------------------------|
| ethyl 2-cyanoacrylate | (CAS-No.) 7085-85-0<br>(EC-No.) 230-391-5 | (C >= 10%) STOT SE 3, H335    |

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

**SECTION 4: First aid measures**

**4.1. Description of first aid measures**

**Inhalation**

Remove person to fresh air. If you feel unwell, get medical attention.

**Skin contact**

For skin bonds: Quickly soak in warm water and avoid use of excessive force to free bonded area. If unable to free bonded area, or if lips or mouth are bonded, get medical attention. If irritation persists, get medical attention.

**Eye contact**

Immediately flush eyes with large amounts of water for at least 15 minutes. Get immediate medical attention. DO NOT force eyelids open.

**If swallowed**

Rinse mouth. If you feel unwell, get medical attention.

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

The most important symptoms and effects based on the GB CLP classification include:

Irritating to the respiratory tract (coughing, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain). Irritation to the skin (localized redness, swelling, itching, and dryness). Serious irritation to the eyes (significant redness, swelling, pain, tearing, and impaired vision).

**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 flammable liquids such as dry chemical or carbon dioxide to extinguish.

**5.2. Special hazards arising from the substance or mixture**

Closed containers exposed to heat from fire may build pressure and explode.

**Hazardous Decomposition or By-Products**

Substance

Carbon monoxide  
Carbon dioxide.

Condition

During combustion.  
During combustion.

**5.3. Advice for fire-fighters**

Water may not effectively extinguish fire; however, it should be used to keep fire-exposed containers and surfaces cool and prevent explosive rupture. Wear full protective clothing, including helmet, self-contained, positive pressure or pressure demand breathing apparatus, bunker coat and pants, bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Evacuate area. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Use only non-sparking tools. Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapours, in accordance with good industrial hygiene practice. Warning! A motor could be an ignition source and could cause flammable gases or vapours in the spill area to burn or explode. Refer to other sections of this SDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment.

### 6.2. Environmental precautions

Avoid release to the environment.

### 6.3. Methods and material for containment and cleaning up

Contain spill. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Remember, adding an absorbent material does not remove a physical, health, or environmental hazard. Collect as much of the spilled material as possible using non-sparking tools. Place in a closed container approved for transportation by appropriate authorities. Clean up residue with an appropriate solvent selected by a qualified and authorised person. Ventilate the area with fresh air. Read and follow safety precautions on the solvent label and Safety Data Sheet. Seal the container. Dispose of collected material as soon as possible.

### 6.4. Reference to other sections

Refer to Section 8 and Section 13 for more information

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Keep out of reach of children. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. 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. Avoid contact with oxidising agents (eg. chlorine, chromic acid etc.)

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

Store in a well-ventilated place. Keep cool. Keep container tightly closed to prevent contamination with water or air. If contamination is suspected, do not reseal container. Store away from acids. Store away from oxidising agents. Store away from amines.

### 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 |
|------------|---------|--------|------------|---------------------|
|------------|---------|--------|------------|---------------------|

|                       |           |        |                                       |
|-----------------------|-----------|--------|---------------------------------------|
| 1,4-dihydroxybenzene  | 123-31-9  | UK HSC | TWA: 0.5 mg/m <sup>3</sup>            |
| ethyl 2-cyanoacrylate | 7085-85-0 | UK HSC | STEL: 1.5 mg/m <sup>3</sup> (0.3 ppm) |

UK HSC : 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**

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:  
Indirect vented goggles.

*Applicable Norms/Standards*

Use eye protection conforming to EN 166

**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. Do not wear cotton gloves. Note: Nitrile gloves may be worn over polymer laminate gloves to improve dexterity.

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

| <b>Material</b>  | <b>Thickness (mm)</b> | <b>Breakthrough Time</b> |
|------------------|-----------------------|--------------------------|
| Polymer laminate | No data available     | No data available        |

*Applicable Norms/Standards*

Use gloves tested to EN 374

**Respiratory protection**

Wear respiratory protection if ventilation is inadequate to prevent overexposure.

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:

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 136: filter type A

**SECTION 9: Physical and chemical properties**

**9.1. Information on basic physical and chemical properties**

|   |  |
|---|--|
| <b>Physical state</b>                         | Liquid.  |
| <b>Colour</b>                                 | Straw, Transparent White                           |
| <b>Odor</b>                                   | Sharp Irritating                                   |
| <b>Odour threshold</b>                        | <i>No data available.</i>                          |
| <b>Melting point/freezing point</b>           | <i>Not applicable.</i>                             |
| <b>Boiling point/boiling range</b>            | >=148.9 °C   |
| <b>Flammability (solid, gas)</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>                            | 80 - 93.3 °C [ <i>Test Method:Closed Cup</i> ]     |
| <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>                    | 61.9 mm <sup>2</sup> /sec                          |
| <b>Water solubility</b>                       | Negligible   |
| <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>                        | approximately 133.3 Pa [ <i>@ 20 °C</i> ]          |
| <b>Density</b>                                | 1.05 g/ml  |
| <b>Relative density</b>                       | 1.05 [ <i>Ref Std:WATER=1</i> ]                    |
| <b>Relative Vapour Density</b>                | 3 [ <i>Ref Std: AIR=1</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>              | Negligible [ <i>Ref Std:BUOAC=1</i> ] |
| <b>Molecular weight</b>              | <i>No data available.</i>             |
| <b>Percent volatile</b>              | 90 - 95 %                             |

**SECTION 10: Stability and reactivity**

**10.1 Reactivity**

This material may be reactive with certain agents under certain conditions - see the remaining headings in this section

**10.2 Chemical stability**

Stable.

**10.3 Possibility of hazardous reactions**

Hazardous polymerisation will not occur.

**10.4 Conditions to avoid**

Sparks and/or flames.

**10.5 Incompatible materials**

Water  
Alcohols.  
Amines.  
Alkali and alkaline earth metals.

**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 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

Respiratory tract irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

#### Skin contact

Bonds skin rapidly. Mild Skin Irritation: Signs/symptoms may include localised redness, swelling, itching, and dryness. Contact through clothing may cause thermal burns.

#### Eye contact

Bonds eyelids rapidly. Severe eye irritation: Signs/symptoms may include significant redness, swelling, pain, tearing, cloudy appearance of the cornea, and impaired vision.

#### Ingestion

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

#### 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 |
| ethyl 2-cyanoacrylate     | Dermal    | Rabbit  | LD50 > 2,000 mg/kg                             |
| ethyl 2-cyanoacrylate     | Ingestion | Rat     | LD50 > 5,000 mg/kg                             |
| Poly(methyl methacrylate) | Dermal    |         | LD50 estimated to be > 5,000 mg/kg             |
| Poly(methyl methacrylate) | Ingestion | Rat     | LD50 > 5,000 mg/kg                             |
| 1,4-dihydroxybenzene      | Dermal    | Rat     | LD50 > 4,800 mg/kg                             |
| 1,4-dihydroxybenzene      | Ingestion | Rat     | LD50 302 mg/kg                                 |

ATE = acute toxicity estimate

#### Skin Corrosion/Irritation

| Name                      | Species          | Value                     |
|---------------------------|------------------|---------------------------|
| ethyl 2-cyanoacrylate     | Rabbit           | Mild irritant             |
| Poly(methyl methacrylate) | Rabbit           | No significant irritation |
| 1,4-dihydroxybenzene      | Human and animal | Minimal irritation        |



**Serious Eye Damage/Irritation**

| Name                      | Species | Value           |
|---------------------------|---------|-----------------|
| ethyl 2-cyanoacrylate     | Rabbit  | Severe irritant |
| Poly(methyl methacrylate) | Rabbit  | Mild irritant   |
| 1,4-dihydroxybenzene      | Human   | Corrosive       |

**Skin Sensitisation**

| Name                  | Species    | Value          |
|-----------------------|------------|----------------|
| ethyl 2-cyanoacrylate | Human      | Not classified |
| 1,4-dihydroxybenzene  | Guinea pig | Sensitising    |

**Respiratory Sensitisation**

| Name                  | Species | Value          |
|-----------------------|---------|----------------|
| ethyl 2-cyanoacrylate | Human   | Not classified |

**Germ Cell Mutagenicity**

| Name                  | Route    | Value  |
|-----------------------|----------|--|
| ethyl 2-cyanoacrylate | In Vitro | Not mutagenic  |
| 1,4-dihydroxybenzene  | In Vitro | Some positive data exist, but the data are not sufficient for classification |
| 1,4-dihydroxybenzene  | In vivo  | Some positive data exist, but the data are not sufficient for classification |

**Carcinogenicity**

| Name                 | Route     | Species                 | Value  |
|----------------------|-----------|-------------------------|--|
| 1,4-dihydroxybenzene | Dermal    | Mouse                   | Not carcinogenic   |
| 1,4-dihydroxybenzene | 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    |
|----------------------|-----------|--|---------|---------------------|----------------------|
| 1,4-dihydroxybenzene | Ingestion | Not classified for female reproduction | Rat     | NOAEL 150 mg/kg/day | 2 generation         |
| 1,4-dihydroxybenzene | Ingestion | Not classified for male reproduction   | Rat     | NOAEL 150 mg/kg/day | 2 generation         |
| 1,4-dihydroxybenzene | Ingestion | Not classified for development         | Rat     | NOAEL 100 mg/kg/day | during organogenesis |

**Target Organ(s)**

**Specific Target Organ Toxicity - single exposure**

| Name                  | Route      | Target Organ(s)        | Value                            | Species | Test result         | Exposure Duration     |
|-----------------------|------------|------------------------|----------------------------------|---------|---------------------|-----------------------|
| ethyl 2-cyanoacrylate | Inhalation | respiratory irritation | May cause respiratory irritation | Human   | NOAEL Not available | occupational exposure |
| 1,4-dihydroxybenzene  | Ingestion  | nervous system         | May cause damage to organs       | Rat     | NOAEL Not available | not applicable        |
| 1,4-dihydroxybenzene  | Ingestion  | kidney and/or bladder  | Not classified                   | Rat     | NOAEL 400 mg/kg     | not applicable        |

**Specific Target Organ Toxicity - repeated exposure**

| Name                 | Route     | Target Organ(s)       | Value          | Species | Test result         | Exposure Duration     |
|----------------------|-----------|-----------------------|----------------|---------|---------------------|-----------------------|
| 1,4-dihydroxybenzene | Ingestion | blood                 | Not classified | Rat     | NOAEL Not available | 40 days               |
| 1,4-dihydroxybenzene | Ingestion | bone marrow   liver   | Not classified | Rat     | NOAEL Not available | 9 weeks               |
| 1,4-dihydroxybenzene | Ingestion | kidney and/or bladder | Not classified | Rat     | LOAEL 50 mg/kg/day  | 15 months             |
| 1,4-dihydroxybenzene | Ocular    | eyes                  | Not classified | Human   | NOAEL Not available | occupational exposure |

### 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                  | CAS #     | Organism         | Type  | Exposure | Test endpoint | Test result  |
|---------------------------|-----------|------------------|---|----------|---------------|--------------|
| ethyl 2-cyanoacrylate     | 7085-85-0 | N/A              | Data not available or insufficient for classification | N/A      | N/A           | N/A          |
| Poly(methyl methacrylate) | 9011-14-7 | N/A              | Data not available or insufficient for classification | N/A      | N/A           | N/A          |
| 1,4-dihydroxybenzene      | 123-31-9  | Activated sludge | Experimental  | 2 hours  | IC50          | 71 mg/l      |
| 1,4-dihydroxybenzene      | 123-31-9  | Green algae      | Experimental  | 72 hours | ErC50         | 0.053 mg/l   |
| 1,4-dihydroxybenzene      | 123-31-9  | Rainbow trout    | Experimental  | 96 hours | LC50          | 0.044 mg/l   |
| 1,4-dihydroxybenzene      | 123-31-9  | Water flea       | Experimental  | 48 hours | EC50          | 0.061 mg/l   |
| 1,4-dihydroxybenzene      | 123-31-9  | Fathead minnow   | Experimental  | 32 days  | NOEC          | >=0.066 mg/l |
| 1,4-dihydroxybenzene      | 123-31-9  | Green algae      | Experimental  | 72 hours | NOEC          | 0.0015 mg/l  |
| 1,4-dihydroxybenzene      | 123-31-9  | Water flea       | Experimental  | 21 days  | NOEC          | 0.0029 mg/l  |

### 12.2. Persistence and degradability

| Material                  | CAS Nbr   | Test type                       | Duration | Study Type | Test result  | Protocol                  |
|---------------------------|-----------|---------------------------------|----------|------------|--------------|---------------------------|
| ethyl 2-cyanoacrylate     | 7085-85-0 | Data not available/insufficient | N/A      | N/A        | N/A          | N/A                       |
| Poly(methyl methacrylate) | 9011-14-7 | Data not available/insufficient | N/A      | N/A        | N/A          | N/A                       |
| 1,4-                      | 123-31-9  | Experimental                    | 14 days  | BOD        | 70 %BOD/ThOD | OECD 301C - MITI test (I) |

|                  |  |                |  |  |  |
|------------------|--|----------------|--|--|--|
| dihydroxybenzene |  | Biodegradation |  |  |  |
|------------------|--|----------------|--|--|--|

**12.3 : Bioaccumulative potential**

| Material                  | Cas No.   | Test type   | Duration | Study Type | Test result | Protocol |
|---------------------------|-----------|---|----------|------------|-------------|----------|
| ethyl 2-cyanoacrylate     | 7085-85-0 | Data not available or insufficient for classification | N/A      | N/A        | N/A         | N/A      |
| Poly(methyl methacrylate) | 9011-14-7 | Data not available or insufficient for classification | N/A      | N/A        | N/A         | N/A      |
| 1,4-dihydroxybenzene      | 123-31-9  | Experimental Bioconcentration                         |          | Log Kow    | 0.59        |          |

**12.4. Mobility in soil**

| Material             | Cas No.  | Test type                | Study Type | Test result | Protocol  |
|----------------------|----------|--------------------------|------------|-------------|-----------|
| 1,4-dihydroxybenzene | 123-31-9 | Modeled Mobility in Soil | Koc        | 40 l/kg     | Episuite™ |

**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.

Incinerate in a permitted waste incineration facility. Proper destruction may require the use of additional fuel during incineration processes. As a disposal alternative, utilize an acceptable permitted waste disposal facility. Empty drums/barrels/containers used for transporting and handling hazardous chemicals (chemical substances/mixtures/preparations classified as Hazardous as per applicable regulations) shall be considered, stored, treated & disposed of as hazardous wastes unless otherwise defined by applicable waste regulations. Consult with the respective regulating authorities to determine the available treatment and disposal facilities.

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

**EU waste code (product as sold)**

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

**SECTION 14: Transportation information**

Not hazardous for transportation.

|                       | Ground Transport (ADR) | Air Transport (IATA) | Marine Transport (IMDG) |
|-----------------------|------------------------|----------------------|-------------------------|
| <b>14.1 UN 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 Transport in bulk according to Annex II of Marpol 73/78 and IBC Code</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>   |
|---------------------------|----------------|-------------------------|---|
| 1,4-dihydroxybenzene      | 123-31-9       | Carc. 2                 | The retained CLP Regulation (EU) No 1272/2008, as amended for Great Britain, UK Mandatory Classification and Labelling list |
| 1,4-dihydroxybenzene      | 123-31-9       | Gr. 3: Not classifiable | International Agency for Research on Cancer   |
| Poly(methyl methacrylate) | 9011-14-7      | Gr. 3: Not classifiable | International Agency for Research on Cancer   |

#### Global inventory status

Contact 3M for more information. The components of this material are in compliance with the provisions of 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 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

| Dangerous Substances | Identifier(s) | Qualifying quantity (tonnes) for the application of |                         |
|----------------------|---------------|---|-------------------------|
|                      |               | Lower-tier requirements                             | Upper-tier requirements |
| 1,4-dihydroxybenzene | 123-31-9      | 100   | 200                     |

**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**

- H302 Harmful if swallowed.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H335 May cause respiratory irritation.
- H341 Suspected of causing genetic defects.
- H351 Suspected of causing cancer.
- H400 Very toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.

**Revision information:**

- EU Section 09: pH information information was added.
- GB Section 02: CLP Ingredient table information was added.
- GB Section 02: Other hazards phrase information was added.
- GB Section 04: First Aid - Symptoms and Effects (GB CLP) information was added.
- GB Section 04: Information on toxicological effects information was added.
- GB Section 12: Classification Warning information was added.
- GB Section 15: Carcinogenicity information information was added.
- GB Section 15: Chemical Safety Assessment information was added.
- GBSDS Section 14 Transport in bulk - Main Heading information was added.
- GBSDS Section 14 UN Number information was added.
- Section 2: <125ml Precautionary - Storage information was added.
- CLP: Ingredient table information was deleted.
- Contains statement for sensitizers information was deleted.
- Label: CLP Classification information was modified.
- Label: CLP Precautionary - Response information was modified.
- Label: CLP Precautionary - Storage information was added.

Label: CLP Supplemental Hazard Statements information was added.  
Label: CLP Supplemental Precautionary Statements information was deleted.  
List of sensitizers information was deleted.  
Section 2: Other hazards phrase information was deleted.  
Section 02: SDS Elements: CLP Supplemental Precautionary Statements information was added.  
Section 03: Composition table % Column heading information was added.  
Section 3: Composition/ Information of ingredients table information was added.  
Section 3: Composition/ Information of ingredients table information was deleted.  
Section 03: SCL table information was added.  
Section 03: Substance not applicable information was added.  
Section 04: Information on toxicological effects information was deleted.  
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 modified.  
Section 8: Personal Protection - Respiratory Information information was modified.  
Section 09: Color information was added.  
Section 9: Evaporation Rate information information was deleted.  
Section 9: Explosive properties information information was deleted.  
Section 09: Kinematic Viscosity information information was added.  
Section 9: Melting point information information was modified.  
Section 09: Odor information was added.  
Sections 3 and 9: Odour, colour, grade information information was deleted.  
Section 9: Oxidising properties information information was deleted.  
Section 9: pH information information was deleted.  
Section 9: Property description for optional properties information was modified.  
Section 9: Vapour density value information was added.  
Section 9: Vapour density value information was deleted.  
Section 9: Viscosity information information was deleted.  
Section 11: Acute Toxicity table information was modified.  
Section 11: Carcinogenicity Table information was modified.  
Section 11: Classification disclaimer information was deleted.  
Section 11: GB Classification disclaimer information was added.  
Section 11: GB No endocrine disruptor information available warning information was added.  
Section 11: Germ Cell Mutagenicity Table information was modified.  
Section 11: Reproductive and/or Developmental Effects text information was deleted.  
Section 11: Reproductive Toxicity Table information was modified.  
Section 11: Respiratory Sensitization Table information was modified.  
Section 11: Serious Eye Damage/Irritation Table information was modified.  
Section 11: Skin Corrosion/Irritation Table information was modified.  
Section 11: Skin Sensitization Table information was modified.  
Section 11: Target Organs - Repeated Table information was added.  
Section 11: Target Organs - Repeated Table information was deleted.  
Section 11: Target Organs - Single Table information was modified.  
Section 12: 12.6. Other adverse effects information was added.  
Section 12: 12.7. Other adverse effects information was deleted.  
Section 12: Classification Warning information was deleted.  
Section 12: Component ecotoxicity information information was modified.  
Section 12: Contact manufacturer for more detail. information was deleted.  
Section 12: Mobility in soil information information was added.  
Prints No Data if Adverse effects information is not present information was deleted.  
Section 12: No endocrine disruptor information available warning information was added.  
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 14 Classification Code – Main Heading information was added.  
Section 14 Classification Code – Regulation Data information was added.

Section 14 Control Temperature – Main Heading information was added.  
Section 14 Control Temperature – Regulation Data information was added.  
Section 14 Disclaimer Information information was added.  
Section 14 Emergency Temperature – Main Heading information was added.  
Section 14 Emergency Temperature – Regulation Data information was added.  
Section 14 Hazard Class + Sub Risk – Main Heading information was added.  
Section 14 Hazard Class + Sub Risk – Regulation Data information was added.  
Section 14 Hazardous/Not Hazardous for Transportation information was added.  
Section 14 Other Dangerous Goods – Main Heading information was added.  
Section 14 Other Dangerous Goods – Regulation Data information was added.  
Section 14 Packing Group – Main Heading information was added.  
Section 14 Packing Group – Regulation Data information was added.  
Section 14 Proper Shipping Name information was added.  
Section 14 Regulations – Main Headings information was added.  
Section 14 Segregation – Regulation Data information was added.  
Section 14 Segregation Code – Main Heading information was added.  
Section 14 Special Precautions – Main Heading information was added.  
Section 14 Special Precautions – Regulation Data information was added.  
Section 14 Transport in bulk – Regulation Data information was added.  
Section 14 UN Number Column data information was added.  
Section 15: Carcinogenicity information information was deleted.  
Section 15: Regulations - Inventories information was modified.  
Section 15: Seveso Substance Text information was added.  
Two-column table displaying the unique list of H Codes and statements (std phrases) for all components of the given material. information was added.  
Two-column table displaying the unique list of H Codes and statements (std phrases) for all components of the given material. information was deleted.  
Section 16: UK disclaimer information was deleted.  
Section 16: Web address information was added.  
Section 16: Web address information was deleted.  
Section 2: No PBT/vPvB information available warning information was added.

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