



## Safety Data Sheet

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|                        |            |                         |            |
|------------------------|------------|-------------------------|------------|
| <b>Document group:</b> | 32-8107-8  | <b>Version number:</b>  | 3.01       |
| <b>Revision date:</b>  | 13/12/2024 | <b>Supersedes date:</b> | 15/02/2021 |

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 Scotch-Weld™ Surface Insensitive Instant Adhesive SI1500, Clear

#### Product Identification Numbers

UU-0015-5261-9

7100040836

#### 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:** 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 | 80 - 90 |

### HAZARD STATEMENTS:

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

### PRECAUTIONARY STATEMENTS

#### Prevention:

P261A Avoid breathing vapours.

#### Response:

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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

No hazard statements are required for containers <=125 mL.

No precautionary statements are required for containers <=125 mL.

### SUPPLEMENTAL INFORMATION:

#### Supplemental Hazard Statements:

EUH202 Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children.

#### 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 | 80 - 90 | Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>STOT SE 3, H335   |
| Non-Hazardous Resin   | Trade Secret                              | 10 - 20 | Substance not classified as hazardous  |
| 1,4-dihydroxybenzene  | (CAS-No.) 123-31-9<br>(EC-No.) 204-617-8  | <= 0.06 | 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

| <u>Substance</u>    | <u>Condition</u>   |
|---------------------|--------------------|
| Carbon monoxide     | During combustion. |
| Carbon dioxide.     | During combustion. |
| Hydrogen cyanide.   | During combustion. |
| Oxides of nitrogen. | 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. For larger spills, cover drains and build dykes to prevent entry into sewer systems or bodies of water.

### 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**

For industrial/occupational use only. Not for consumer sale or use. 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 heat. Store away from acids. Store away from strong bases. 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.

| <b>Ingredient</b>     | <b>CAS Nbr</b> | <b>Agency</b> | <b>Limit type</b>                     | <b>Additional comments</b> |
|-----------------------|----------------|---------------|---------------------------------------|----------------------------|
| 1,4-dihydroxybenzene  | 123-31-9       | UK HSE        | TWA: 0.5 mg/m <sup>3</sup>            |                            |
| ethyl 2-cyanoacrylate | 7085-85-0      | UK HSE        | STEL: 1.5 mg/m <sup>3</sup> (0.3 ppm) |                            |

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**

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        |

When only incidental contact is anticipated, alternative glove material(s) may be used. If contact with the glove does occur, remove immediately and replace with a set of new gloves. For incidental contact, gloves made of the following material(s) may be used: Nitrile rubber.

*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 and particulates

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

*Applicable Norms/Standards*

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

**SECTION 9: Physical and chemical properties**

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

|   |  |
|---|--|
| <b>Physical state</b>                         | Liquid.  |
| <b>Colour</b>                                 | Colourless   |
| <b>Odor</b>                                   | Mild Solvent, Pungent Odour                        |
| <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>            | 150 °C   |
| <b>Flammability</b>                           | Not applicable.                                    |
| <b>Flammable Limits(LEL)</b>                  | <i>No data available.</i>                          |
| <b>Flammable Limits(UEL)</b>                  | <i>No data available.</i>                          |
| <b>Flash point</b>                            | 85 °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>                    | <i>No data available.</i>                          |
| <b>Water solubility</b>                       | Nil  |
| <b>Solubility- non-water</b>                  | <i>No data available.</i>                          |
| <b>Partition coefficient: n-octanol/water</b> | <i>No data available.</i>                          |
| <b>Vapour pressure</b>                        | 39.1 Pa [ <i>@ 23.9 °C</i> ]                       |
| <b>Density</b>                                | 1.1 g/ml   |
| <b>Relative density</b>                       | 1.1 [ <i>Ref Std: WATER=1</i> ]                    |

|                          |                           |
|--------------------------|---------------------------|
| Relative Vapour Density  | <i>No data available.</i> |
| 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>No data available.</i>                         |
| Molecular weight              | <i>Not applicable.</i>                            |
| Percent volatile              | 80 - 90 % weight [ <i>Test Method:Estimated</i> ] |

## 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 may occur. Material polymerizes rapidly by contact with water, alcohol, amines and alkalis.

### 10.4 Conditions to avoid

Heat.

### 10.5 Incompatible materials

Strong oxidising agents.

Water

Strong bases.

Amines.

Alcohols.

### 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                             |
| Non-Hazardous Resin   | Dermal    |         | LD50 estimated to be > 5,000 mg/kg             |
| Non-Hazardous Resin   | 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             |
| Non-Hazardous Resin   | 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 |
| Non-Hazardous Resin   | 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          |
| Non-Hazardous Resin   | Trade Secret | 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 or insufficient | N/A      | N/A        | N/A          | N/A                       |
| Non-Hazardous Resin   | Trade Secret | Data not available or insufficient | N/A      | N/A        | N/A          | N/A                       |
| 1,4-dihydroxybenzene  | 123-31-9     | Experimental Biodegradation        | 14 days  | BOD        | 70 %BOD/ThOD | OECD 301C - MITI test (I) |

**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      |
| Non-Hazardous Resin   | Trade Secret | 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.

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

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

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

- 08 04 09\* Waste adhesives and sealants containing organic solvents or other dangerous substances
- 20 01 27\* Paint, inks, adhesives and resins containing dangerous substances

**SECTION 14: Transportation information**

|   | <b>Ground Transport (ADR)</b>  | <b>Air Transport (IATA)</b>  | <b>Marine Transport (IMDG)</b>   |
|---|--|--|--|
| <b>14.1 UN number</b>   | 0000   | UN3334   | 0000   |
| <b>14.2 UN proper shipping name</b>                                     | NOT REGULATED  | AVIATION REGULATED LIQUID, N.O.S.(CYANOACRYLATE ESTER)                 | NOT REGULATED  |
| <b>14.3 Transport hazard class(es)</b>                                  | Not applicable.  | 9  | Not applicable.  |
| <b>14.4 Packing group</b>   | Not applicable.  | III  | Not applicable.  |
| <b>14.5 Environmental hazards</b>                                       | Not Environmentally Hazardous  | Not applicable   | Not a Marine Pollutant   |
| <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</b> | No data available.   | No data available.   | No data available.   |

|                                |                    |                    |                    |
|--------------------------------|--------------------|--------------------|--------------------|
| <b>IBC Code</b>                |                    |                    |                    |
| <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> | Not applicable.    | Not applicable.    | Not applicable.    |
| <b>IMDG Segregation Code</b>   | Not applicable.    | Not applicable.    | NONE               |

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   |
| Non-Hazardous Resin  | Trade Secret   | Gr. 3: Not classifiable | International Agency for Research on Cancer   |

#### Global inventory status

Contact 3M for more information. The components of this material are in compliance with the provisions of the Korea Chemical Control Act. Certain restrictions may apply. Contact the selling division for additional information. The components of this material are in compliance with the provisions of Australia National Industrial Chemical Notification and Assessment Scheme (NICNAS). Certain restrictions may apply. Contact the selling division for additional information. The components of this material are in compliance with the provisions of Japan Chemical Substance Control Law. Certain restrictions may apply. Contact the selling division for additional information. The components of this material are in compliance with the provisions of Philippines RA 6969 requirements. Certain restrictions may apply. Contact the selling division for additional information. The components of this product are in compliance with the new substance notification requirements of CEPA. This product complies with Measures on Environmental Management of New Chemical Substances. All ingredients are listed on or exempt from on China IECSC inventory. The components of this product are in compliance with the chemical notification requirements of TSCA. All required components of this product are listed on the active portion of the TSCA Inventory.

#### 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:**

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 1: Product use information information was modified.  
 CLP: Ingredient table information was deleted.  
 Label: CLP <125ml Hazard - none information was deleted.  
 Label: CLP <125ml Precautionary - none information was deleted.  
 Section 02: Label Elements: GBCLP <125ml Hazard - none information was added.  
 Section 02: Label Elements: GBCLP <125ml Precautionary - none information was added.  
 Section 2: Other hazards phrase information was deleted.  
 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: SCL table information was deleted.  
 Section 04: First Aid - Symptoms and Effects (CLP) information was deleted.  
 Section 04: Information on toxicological effects information was deleted.  
 Section 8: Occupational exposure limit table information was modified.  
 OEL Reg Agency Desc information was modified.  
 Section 9: Flammability (solid, gas) information information was deleted.  
 Section 09: Flammability information information was added.

Section 09: Odor information was modified.  
Section 09: Particle Characteristics N/A information was added.  
Section 9: Vapour density value 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: No endocrine disruptor information available warning information was deleted.  
Section 11: Reproductive Toxicity Table information was modified.  
Section 11: Target Organs - Repeated Table information was added.  
Section 11: Target Organs - Repeated Table information was deleted.  
Section 12: 12.6. Endocrine Disrupting Properties information was deleted.  
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: Mobility in soil information information was added.  
Prints No Data if Adverse effects information is not present information was deleted.  
Section 12: No Data text for mobility in soil information was deleted.  
Section 12: No endocrine disruptor information available warning information was added.  
Section 12: No endocrine disruptor information available warning information was deleted.  
Section 12: Persistence and Degradability information information was modified.  
Section 12: Biocumulative potential information information was modified.  
Section 14 Classification Code – Regulation Data information was modified.  
Section 14 Control Temperature – Regulation Data information was modified.  
Section 14 Emergency Temperature – Regulation Data information was modified.  
Section 14 Hazard Class + Sub Risk – Regulation Data information was modified.  
Section 14 Multiplier – Main Heading information was deleted.  
Section 14 Multiplier – Regulation Data information was deleted.  
Section 14 Other Dangerous Goods – Regulation Data information was modified.  
Section 14 Packing Group – Regulation Data information was modified.  
Section 14 Segregation – Regulation Data information was modified.  
Section 14 Transport Category – Main Heading information was deleted.  
Section 14 Transport Category – Regulation Data information was deleted.  
Section 14 Transport in bulk – Regulation Data information was modified.  
Section 14 Marine transport in bulk according to IMO instruments – Main Heading information was deleted.  
Section 14 Transport Not Permitted – Main Heading information was deleted.  
Section 14 Transport Not Permitted – Regulation Data information was deleted.  
Section 14 Tunnel Code – Main Heading information was deleted.  
Section 14 Tunnel Code – Regulation Data information was deleted.  
Section 14 UN Number information was deleted.  
Section 15: Carcinogenicity information information was deleted.  
Section 15: Chemical Safety Assessment information was deleted.  
Section 15: Regulations - Inventories information was added.  
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: 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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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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For Northern Ireland documents, please contact your 3M representative to obtain a copy.