



## Safety Data Sheet according to (EC) No 1907/2006

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Loctite Super Glue precision

SDS No.: 436570

V003.2

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

#### 1.1. Product identifier

Loctite Super Glue precision

#### Contains:

Ethyl 2-cyanoacrylate

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

Intended use:

Super glue

ua-productsafety.uk@uk.henkel.com

#### 1.4. Emergency telephone number

24 Hours Emergency Tel: +44 0 8701 906777 - For further general health & safety, technical and practical advice on this product, please call +44 (0) 1606 593933 or write to: Technical Services; Henkel Limited; Road 5; Winsford Industrial Estate; Winsford; Cheshire; CW7 3QY- Email: technical.services@henkel.co.uk

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification (CLP):

Skin irritation

Category 2

H315 Causes skin irritation.

Serious eye irritation

Category 2

H319 Causes serious eye irritation.

Specific target organ toxicity - single exposure

Category 3

H335 May cause respiratory irritation.

Target organ: respiratory tract irritation

#### 2.2. Label elements

##### Label elements (CLP):

##### Hazard pictogram:



##### Signal word:

Warning

##### Hazard statement:

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

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

**Precautionary statement:** P261 Avoid breathing vapours.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P302+P352 IF ON SKIN: Wash with plenty of soap and water.

### 2.3. Other hazards

Persons suffering from allergic reactions to acrylates should avoid contact with the product.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

**General chemical description:**

Cyanoacrylate Adhesive

**Base substances of preparation:**

Cyanoacrylate

**Declaration of the ingredients according to CLP (EC) No 1272/2008:**

| Hazardous components<br>CAS-No.                               | EC Number<br>REACH-Reg No.    | content       | Classification   |
|---|-------------------------------|---------------|--|
| Ethyl 2-cyanoacrylate<br>7085-85-0                            | 230-391-5<br>01-2119527766-29 | 60- 100 %     | Eye Irrit. 2<br>H319<br>STOT SE 3<br>H335<br>Skin Irrit. 2<br>H315   |
| Bis(2-hydroxy-3-tert-butyl-5-methylphenyl)methane<br>119-47-1 | 204-327-1                     | 0,1- < 1 %    | Repr. 2<br>H361<br>Aquatic Chronic 4<br>H413   |
| Hydroquinone<br>123-31-9                                      | 204-617-8<br>01-2119524016-51 | 0,01- < 0,1 % | Aquatic Acute 1<br>H400<br>Aquatic Chronic 1<br>H410<br>Carc. 2<br>H351<br>Muta. 2<br>H341<br>Acute Tox. 4; Oral<br>H302<br>Eye Dam. 1<br>H318<br>Skin Sens. 1<br>H317<br>M factor: 10 |

For full text of the H - statements and other abbreviations see section 16 "Other information".  
Substances without classification may have community workplace exposure limits available.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

**General information:**

In case of adverse health effects seek medical advice.

**Inhalation:**

Move to fresh air, consult doctor if complaint persists.

**Skin contact:**

Do not pull bonded skin apart. It may be gently peeled apart using a blunt object such as a spoon, preferably after soaking in warm soapy water.

Cyanoacrylates give off heat on solidification. In rare cases a large drop will generate enough heat to cause a burn.

Burns should be treated normally after the adhesive has been removed from the skin.

If lips are accidentally stuck together apply warm water to the lips and encourage maximum wetting and pressure from saliva inside the mouth.

Peel or roll lips apart. Do not try to pull the lips apart with direct opposing action.

**Eye contact:**

If the eye is bonded closed, release eyelashes with warm water by covering with wet pad.

Cyanoacrylate will bond to eye protein and will cause periods of weeping which will help to debond the adhesive.

Keep eye covered until debonding is complete, usually within 1-3 days.

Do not force eye open. Medical advice should be sought in case solid particles of cyanoacrylate trapped behind the eyelid cause any abrasive damage.

**Ingestion:**

Ensure that breathing passages are not obstructed. The product will polymerise immediately in the mouth making it almost impossible to swallow. Saliva will slowly separate the solidified product from the mouth (several hours).

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

EYE: Irritation, conjunctivitis.

SKIN: Redness, inflammation.

RESPIRATORY: Irritation, coughing, shortness of breath, chest tightness.

**4.3. Indication of any immediate medical attention and special treatment needed**

See section: Description of first aid measures

**SECTION 5: Firefighting measures**

**5.1. Extinguishing media**

**Suitable extinguishing media:**

carbon dioxide, foam, powder, water spray jet, fine water spray

**Extinguishing media which must not be used for safety reasons:**

High pressure waterjet

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

In the event of a fire, carbon monoxide (CO) and carbon dioxide (CO<sub>2</sub>) can be released.

**5.3. Advice for firefighters**

Wear protective equipment.

Wear self-contained breathing apparatus.

**SECTION 6: Accidental release measures**

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

Ensure adequate ventilation.

Avoid contact with skin and eyes.

Danger of slipping on spilled product.

Wear protective equipment.

**6.2. Environmental precautions**

Do not empty into drains / surface water / ground water.

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

Remove with liquid-absorbing material (sand, peat, sawdust).

Dispose of contaminated material as waste according to Section 13.

**6.4. Reference to other sections**

See advice in section 8

**SECTION 7: Handling and storage****7.1. Precautions for safe handling**

- Open and handle container with care.
- Avoid skin and eye contact.
- Ensure that workrooms are adequately ventilated.

## Hygiene measures:

- Do not eat, drink or smoke while working.
- Wash hands before work breaks and after finishing work.

**7.2. Conditions for safe storage, including any incompatibilities**

Store in a cool place, max. storage temperature 30°C.

Store in a dry place.

Keep container tightly sealed and store in a frost free place.

For optimum shelf life store in original containers under refrigerated conditions at 2 - 8°C (35.6 - 46.4 °F)

Do not store together with food or other consumables (coffee, tea, tobacco, etc.).

**7.3. Specific end use(s)**

Super glue

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Occupational Exposure Limits**

Valid for

Great Britain

| Ingredient [Regulated substance]                            | ppm | mg/m <sup>3</sup> | Value type                        | Short term exposure limit category / Remarks | Regulatory list |
|---|-----|-------------------|-----------------------------------|--|-----------------|
| Ethyl 2-cyanoacrylate<br>7085-85-0<br>[ETHYL CYANOACRYLATE] | 0,3 | 1,5               | Short Term Exposure Limit (STEL): |  | EH40 WEL        |
| Hydroquinone<br>123-31-9<br>[HYDROQUINONE]                  |     | 0,5               | Time Weighted Average (TWA):      |  | EH40 WEL        |

**Occupational Exposure Limits**

Valid for

Ireland

| Ingredient [Regulated substance]                            | ppm | mg/m <sup>3</sup> | Value type                   | Short term exposure limit category / Remarks | Regulatory list |
|---|-----|-------------------|------------------------------|--|-----------------|
| Ethyl 2-cyanoacrylate<br>7085-85-0<br>[ETHYL CYANOACRYLATE] | 0,2 |                   | Time Weighted Average (TWA): |  | IR_OEL          |
| Hydroquinone<br>123-31-9<br>[HYDROQUINONE]                  |     | 0,5               | Time Weighted Average (TWA): |  | IR_OEL          |

**Predicted No-Effect Concentration (PNEC):**

| Name on list             | Environmental<br>Compartment       | Exposure<br>period | Value |     |       |              | Remarks |
|--------------------------|------------------------------------|--------------------|-------|-----|-------|--------------|---------|
|                          |                                    |                    | mg/l  | ppm | mg/kg | others       |         |
| Hydroquinone<br>123-31-9 | aqua<br>(freshwater)               |                    |       |     |       | 0,114 µg/L   |         |
| Hydroquinone<br>123-31-9 | aqua (marine<br>water)             |                    |       |     |       | 0,0114 µg/L  |         |
| Hydroquinone<br>123-31-9 | sediment<br>(freshwater)           |                    |       |     |       | 0,98 µg/kg   |         |
| Hydroquinone<br>123-31-9 | sediment<br>(marine water)         |                    |       |     |       | 0,097 µg/kg  |         |
| Hydroquinone<br>123-31-9 | aqua<br>(intermittent<br>releases) |                    |       |     |       | 0,00134 mg/L |         |
| Hydroquinone<br>123-31-9 | soil                               |                    |       |     |       | 0,129 µg/kg  |         |
| Hydroquinone<br>123-31-9 | STP                                |                    |       |     |       | 0,71 mg/L    |         |

**Derived No-Effect Level (DNEL):**

| Name on list                       | Application<br>Area   | Route of<br>Exposure | Health Effect                               | Exposure<br>Time | Value            | Remarks |
|------------------------------------|-----------------------|----------------------|---|------------------|------------------|---------|
| Ethyl 2-cyanoacrylate<br>7085-85-0 | Workers               | Inhalation           | Long term<br>exposure - local<br>effects    |                  | 9,25 mg/m3       |         |
| Ethyl 2-cyanoacrylate<br>7085-85-0 | Workers               | Inhalation           | Long term<br>exposure -<br>systemic effects |                  | 9,25 mg/m3       |         |
| Ethyl 2-cyanoacrylate<br>7085-85-0 | general<br>population | Inhalation           | Long term<br>exposure - local<br>effects    |                  | 9,25 mg/m3       |         |
| Ethyl 2-cyanoacrylate<br>7085-85-0 | general<br>population | Inhalation           | Long term<br>exposure -<br>systemic effects |                  | 9,25 mg/m3       |         |
| Hydroquinone<br>123-31-9           | Workers               | Dermal               | Long term<br>exposure -<br>systemic effects |                  | 128 mg/kg bw/day |         |
| Hydroquinone<br>123-31-9           | Workers               | Inhalation           | Long term<br>exposure -<br>systemic effects |                  | 7 mg/m3          |         |
| Hydroquinone<br>123-31-9           | Workers               | Inhalation           | Long term<br>exposure - local<br>effects    |                  | 1 mg/m3          |         |
| Hydroquinone<br>123-31-9           | general<br>population | Dermal               | Long term<br>exposure -<br>systemic effects |                  | 64 mg/kg bw/day  |         |
| Hydroquinone<br>123-31-9           | general<br>population | Inhalation           | Long term<br>exposure -<br>systemic effects |                  | 1,74 mg/m3       |         |
| Hydroquinone<br>123-31-9           | general<br>population | Inhalation           | Long term<br>exposure - local<br>effects    |                  | 0,5 mg/m3        |         |

**Biological Exposure Indices:**

None

**8.2. Exposure controls:**

Respiratory protection:

Suitable breathing mask when there is inadequate ventilation.

Combination filter: ABEKP (EN 14387)

This recommendation should be matched to local conditions.

**Hand protection:**

Recommended are gloves made from Nitril rubber ( Material thickness >0,1 mm, Perforation time < 30s).Gloves should be replaced after each short time contact or contamination. Available at laboratory specialized trade or at pharmacies / chemist's shops.

In the case of longer contact protective gloves made from nitrile rubber are recommended according to EN 374.

Perforation time > 30 minutes

material thickness > 0.4 mm

In the case of longer and repeated contact please note that in practice the penetration times may be considerably shorter than those determined according to EN 374. The protective gloves must always be checked for their suitability for use at the specific workplace (e.g. mechanical and thermal stress, product compatibility, antistatic effects, etc.). The gloves must be replaced immediately at the first signs of wear and tear. The information provided by the manufacturers and given in the relevant trade association regulations for industrial safety must always be observed. We recommend that a hand care plan is drawn up in cooperation with a glove manufacturer and the trade association in accordance with the local operating conditions.

**Eye protection:**

Goggles which can be tightly sealed.

Protective eye equipment should conform to EN166.

**Skin protection:**

Suitable protective clothing

Protective clothing should conform to EN 14605 for liquid splashes or to EN 13982 for dusts.

**Advices to personal protection equipment:**

The information provided on personal protective equipment is for guidance purposes only. A full risk assessment should be conducted prior to using this product to determine the appropriate personal protective equipment to suit local conditions.

Personal protective equipment should conform to the relevant EN standard.

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

|  |   |
|--|---|
| Appearance                                   | liquid<br>colourless                                |
| Odor   | irritating  |
| Odour threshold                              | No data available / Not applicable                  |
| pH   | No data available / Not applicable                  |
| Initial boiling point                        | > 100 °C (> 212 °F)                                 |
| Flash point                                  | 80,0 - 93 °C (176 - 199.4 °F); Tagliabue closed cup |
| Decomposition temperature                    | No data available / Not applicable                  |
| Vapour pressure<br>(25 °C (77 °F))           | < 0,5 mbar  |
| Density                                      | No data available / Not applicable                  |
| Bulk density                                 | No data available / Not applicable                  |
| Viscosity                                    | No data available / Not applicable                  |
| Viscosity (kinematic)                        | No data available / Not applicable                  |
| Explosive properties                         | No data available / Not applicable                  |
| Solubility (qualitative)<br>(Solvent: Water) | Polymerises in presence of water.                   |
| Solidification temperature                   | No data available / Not applicable                  |
| Melting point                                | No data available / Not applicable                  |
| Flammability                                 | No data available / Not applicable                  |
| Auto-ignition temperature                    | No data available / Not applicable                  |
| Explosive limits                             | No data available / Not applicable                  |
| Partition coefficient: n-octanol/water       | No data available / Not applicable                  |
| Evaporation rate                             | No data available / Not applicable                  |
| Vapor density                                | No data available / Not applicable                  |
| Oxidising properties                         | No data available / Not applicable                  |

**9.2. Other information**

No data available / Not applicable

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Rapid exothermic polymerization will occur in the presence of water, amines, alkalis and alcohols.

### 10.2. Chemical stability

Stable under recommended storage conditions.

### 10.3. Possibility of hazardous reactions

See section reactivity

### 10.4. Conditions to avoid

None if used for intended purpose.

### 10.5. Incompatible materials

See section reactivity

### 10.6. Hazardous decomposition products

None known.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### General toxicological information:

The mixture is classified based on the available hazard information for the ingredients as defined in the classification criteria for mixtures for each hazard class or differentiation in Annex I to Regulation 1272/2008/EC. Relevant available health/ecological information for the substances listed under Section 3 is provided in the following.

Persons suffering from allergic reactions to acrylates should avoid contact with the product.

#### STOT-single exposure:

May cause respiratory irritation.

#### Skin irritation:

Causes skin irritation.

Bonds skin in seconds. Considered to be of low toxicity: acute dermal LD50 (rabbit)>2000mg/kg

Due to polymerisation at the skin surface allergic reaction is unlikely to occur

#### Eye irritation:

Causes serious eye irritation.

Liquid product will bond eyelids. In a dry atmosphere (RH<50%) vapours may cause irritation and lachrymatory effect

#### Acute oral toxicity:

| Hazardous components<br>CAS-No.                               | Value<br>type | Value          | Route of<br>application | Exposure<br>time | Species | Method                                   |
|---|---------------|----------------|-------------------------|------------------|---------|--|
| Ethyl 2-cyanoacrylate<br>7085-85-0                            | LD50          | > 5.000 mg/kg  | oral                    |                  | rat     | OECD Guideline 401 (Acute Oral Toxicity) |
| Bis(2-hydroxy-3-tert-butyl-5-methylphenyl)methane<br>119-47-1 | LD50          | > 10.000 mg/kg | oral                    |                  | rat     |  |
| Hydroquinone<br>123-31-9                                      | LD50          | 367 mg/kg      | oral                    |                  | rat     | OECD Guideline 401 (Acute Oral Toxicity) |

#### Acute dermal toxicity:

| Hazardous components<br>CAS-No.                               | Value<br>type | Value          | Route of<br>application | Exposure<br>time | Species | Method                                     |
|---|---------------|----------------|-------------------------|------------------|---------|--|
| Ethyl 2-cyanoacrylate<br>7085-85-0                            | LD50          | > 2.000 mg/kg  | dermal                  |                  | rabbit  | OECD Guideline 402 (Acute Dermal Toxicity) |
| Bis(2-hydroxy-3-tert-butyl-5-methylphenyl)methane<br>119-47-1 | LD50          | > 10.000 mg/kg | dermal                  |                  | rat     |  |

**Skin corrosion/irritation:**

| Hazardous components<br>CAS-No.    | Result              | Exposure<br>time | Species | Method  |
|------------------------------------|---------------------|------------------|---------|---|
| Ethyl 2-cyanoacrylate<br>7085-85-0 | slightly irritating | 24 h             | rabbit  | OECD Guideline 404 (Acute<br>Dermal Irritation / Corrosion) |

**Serious eye damage/irritation:**

| Hazardous components<br>CAS-No.    | Result     | Exposure<br>time | Species | Method   |
|------------------------------------|------------|------------------|---------|--|
| Ethyl 2-cyanoacrylate<br>7085-85-0 | irritating | 72 h             | rabbit  | OECD Guideline 405 (Acute<br>Eye Irritation / Corrosion) |

**Respiratory or skin sensitization:**

| Hazardous components<br>CAS-No.    | Result          | Test type                           | Species    | Method |
|------------------------------------|-----------------|-------------------------------------|------------|--------|
| Ethyl 2-cyanoacrylate<br>7085-85-0 | not sensitising |                                     | guinea pig |        |
| Hydroquinone<br>123-31-9           | sensitising     | Guinea pig<br>maximisat<br>ion test | guinea pig |        |

**Germ cell mutagenicity:**

| Hazardous components<br>CAS-No.                                       | Result   | Type of study /<br>Route of<br>administration          | Metabolic<br>activation /<br>Exposure time | Species | Method   |
|---|----------|--|--|---------|--|
| Ethyl 2-cyanoacrylate<br>7085-85-0                                    | negative | bacterial reverse<br>mutation assay (e.g<br>Ames test) |  |         | OECD Guideline 471<br>(Bacterial Reverse Mutation<br>Assay)              |
|   | negative | mammalian cell<br>gene mutation assay                  | with and without                           |         | OECD Guideline 476 (In vitro<br>Mammalian Cell Gene<br>Mutation Test)    |
|   | negative | in vitro mammalian<br>chromosome<br>aberration test    | with and without                           |         | OECD Guideline 473 (In vitro<br>Mammalian Chromosome<br>Aberration Test) |
| Bis(2-hydroxy-3-tert-<br>butyl-5-<br>methylphenyl)methane<br>119-47-1 | negative | bacterial reverse<br>mutation assay (e.g<br>Ames test) | with and without                           |         | OECD Guideline 471<br>(Bacterial Reverse Mutation<br>Assay)              |
| Hydroquinone<br>123-31-9  | negative | bacterial reverse<br>mutation assay (e.g<br>Ames test) | with and without                           |         | EU Method B.13/14<br>(Mutagenicity)                                      |

**Reproductive toxicity:**

| Hazardous substances<br>CAS-No.                                       | Result / Classification | Species                   | Exposure<br>time | Species | Method   |
|---|-------------------------|---------------------------|------------------|---------|--|
| Bis(2-hydroxy-3-tert-<br>butyl-5-<br>methylphenyl)methane<br>119-47-1 | NOAEL P = 12,5 mg/kg    | screening<br>oral: gavage |                  | rat     | OECD Guideline 421<br>(Reproduction /<br>Developmental Toxicity<br>Screening Test) |

**Repeated dose toxicity**

| Hazardous components<br>CAS-No. | Result                | Route of<br>application | Exposure time /<br>Frequency of<br>treatment | Species | Method   |
|---------------------------------|-----------------------|-------------------------|--|---------|--|
| Hydroquinone<br>123-31-9        | NOAEL=>= 250<br>mg/kg | oral: gavage            | 14 days5 days/week.<br>12 doses              | rat     | OECD Guideline 407<br>(Repeated Dose 28-Day Oral<br>Toxicity in Rodents) |
| Hydroquinone<br>123-31-9        | LOAEL=<= 500<br>mg/kg | oral: gavage            | 14 days5 days/week.<br>12 doses              | rat     | OECD Guideline 407<br>(Repeated Dose 28-Day Oral<br>Toxicity in Rodents) |



## SECTION 12: Ecological information

### General ecological information:

The mixture is classified based on the available hazard information for the ingredients as defined in the classification criteria for mixtures for each hazard class or differentiation in Annex I to Regulation 1272/2008/EC. Relevant available health/ecological information for the substances listed under Section 3 is provided in the following.

Do not empty into drains, soil or bodies of water.

### 12.1. Toxicity

| Hazardous components CAS-No.                                  | Value type | Value         | Acute Toxicity Study | Exposure time | Species  | Method   |
|---|------------|---------------|----------------------|---------------|--|--|
| Bis(2-hydroxy-3-tert-butyl-5-methylphenyl)methane<br>119-47-1 | EC 50      | > 10.000 mg/l | Bacteria             | 3 h           | Oncorhynchus mykiss<br><br>Daphnia magna<br><br>Selenastrum capricornutum<br>(new name: Pseudokirchnerella subcapitata)<br><br>Daphnia magna | OECD Guideline 209 (Activated Sludge, Respiration Inhibition Test) |
| Hydroquinone<br>123-31-9                                      | LC50       | 0,638 mg/l    | Fish                 | 96 h          |  | OECD Guideline 203 (Fish, Acute Toxicity Test)                     |
| Hydroquinone<br>123-31-9                                      | EC50       | 0,134 mg/l    | Daphnia              | 48 h          |  | OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)         |
| Hydroquinone<br>123-31-9                                      | EC50       | 0,335 mg/l    | Algae                | 72 h          |  | OECD Guideline 201 (Alga, Growth Inhibition Test)                  |
| Hydroquinone<br>123-31-9                                      | EC 50      | 0,038 mg/l    | Bacteria             | 30 min        |  |  |
| Hydroquinone<br>123-31-9                                      | NOEC       | 0,0057 mg/l   | chronic Daphnia      | 21 d          |  | OECD 211 (Daphnia magna, Reproduction Test)                        |

### 12.2. Persistence and degradability

| Hazardous components CAS-No.                                  | Result   | Route of application | Degradability | Method   |
|---|--|----------------------|---------------|--|
| Ethyl 2-cyanoacrylate<br>7085-85-0                            |  | aerobic              | 57 %          | OECD Guideline 301 D (Ready Biodegradability: Closed Bottle Test)                  |
| Bis(2-hydroxy-3-tert-butyl-5-methylphenyl)methane<br>119-47-1 | under test conditions no biodegradation observed |                      | 0 %           | OECD Guideline 301 F (Ready Biodegradability: Manometric Respirometry Test)        |
| Hydroquinone<br>123-31-9                                      | readily biodegradable                            | aerobic              | 75 - 81 %     | EU Method C.4-E (Determination of the "Ready" Biodegradability Closed Bottle Test) |

### 12.3. Bioaccumulative potential / 12.4. Mobility in soil

| Hazardous components CAS-No.                                  | LogKow | Bioconcentration factor (BCF) | Exposure time | Species | Temperature | Method                                |
|---|--------|-------------------------------|---------------|---------|-------------|---------------------------------------|
| Ethyl 2-cyanoacrylate<br>7085-85-0                            | 0,776  |                               |               |         | 22 °C       | EU Method A.8 (Partition Coefficient) |
| Bis(2-hydroxy-3-tert-butyl-5-methylphenyl)methane<br>119-47-1 | 6,24   |                               |               |         |             |                                       |
| Hydroquinone<br>123-31-9                                      | 0,59   |                               |               |         |             | EU Method A.8 (Partition Coefficient) |

### 12.5. Results of PBT and vPvB assessment

| Hazardous components CAS-No. | PBT/vPvB |
|------------------------------|----------|
|                              |          |

|   |   |
|---|---|
| Bis(2-hydroxy-3-tert-butyl-5-methylphenyl)methane<br>119-47-1 | Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria. |
| Hydroquinone<br>123-31-9                                      | Not fulfilling PBT (persistent/bioaccumulative/toxic) criteria  |

**12.6. Other adverse effects**

No data available.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods**

Product disposal:

Dispose of waste and residues in accordance with local authority requirements.

Disposal of uncleaned packages:

Use packages for recycling only when totally empty.

Waste code

08 04 09 waste adhesives and sealants containing organic solvents and other dangerous substances

**SECTION 14: Transport information****14.1. UN number**

|      |                     |
|------|---------------------|
| ADR  | Not dangerous goods |
| RID  | Not dangerous goods |
| ADN  | Not dangerous goods |
| IMDG | Not dangerous goods |
| IATA | 3334                |

**14.2. UN proper shipping name**

|      |   |
|------|---|
| ADR  | Not dangerous goods                                     |
| RID  | Not dangerous goods                                     |
| ADN  | Not dangerous goods                                     |
| IMDG | Not dangerous goods                                     |
| IATA | Aviation regulated liquid, n.o.s. (Cyanoacrylate ester) |

**14.3. Transport hazard class(es)**

|      |                     |
|------|---------------------|
| ADR  | Not dangerous goods |
| RID  | Not dangerous goods |
| ADN  | Not dangerous goods |
| IMDG | Not dangerous goods |
| IATA | 9                   |

**14.4. Packing group**

|      |                     |
|------|---------------------|
| ADR  | Not dangerous goods |
| RID  | Not dangerous goods |
| ADN  | Not dangerous goods |
| IMDG | Not dangerous goods |
| IATA | III                 |

**14.5. Environmental hazards**

|      |                |
|------|----------------|
| ADR  | not applicable |
| RID  | not applicable |
| ADN  | not applicable |
| IMDG | not applicable |
| IATA | not applicable |

**14.6. Special precautions for user**

|      |   |
|------|---|
| ADR  | not applicable  |
| RID  | not applicable  |
| ADN  | not applicable  |
| IMDG | not applicable  |
| IATA | Primary packs containing less than 500ml are unregulated by this mode of transport and may be shipped unrestricted. |

**14.7. Transport in bulk according to Annex II of Marpol and the IBC Code**

not applicable

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

|                                     |        |
|-------------------------------------|--------|
| VOC content                         | 0,00 % |
| (VOCV 814.018 VOC regulation<br>CH) |        |

### 15.2. Chemical safety assessment

A chemical safety assessment has been carried out.

## SECTION 16: Other information

The labelling of the product is indicated in Section 2. The full text of all abbreviations indicated by codes in this safety data sheet are as follows:

- 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.
- H361 Suspected of damaging fertility or the unborn child.
- H400 Very toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.
- H413 May cause long lasting harmful effects to aquatic life.

### Further information:

This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.

### Label elements (DPD):

Xi - Irritant



### Risk phrases:

R36/37/38 Irritating to eyes, respiratory system and skin.

### Safety phrases:

- S2 Keep out of the reach of children.
- S23 Do not breathe vapour.
- S24/25 Avoid contact with skin and eyes.
- S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

### Additional labeling:

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

**Relevant changes in this safety data sheet are indicated by vertical lines at the left margin in the body of this document. Corresponding text is displayed in a different color on shadowed fields.**

## Annex - Exposure Scenarios:

Exposure Scenarios for ethyl 2-cyanoacrylate can be downloaded under the following link:

[http://mymds.henkel.com/mymds/.470833..en.ANNEX\\_DE.15743123.0.DE.pdf](http://mymds.henkel.com/mymds/.470833..en.ANNEX_DE.15743123.0.DE.pdf)

Alternatively they can be accessed on the internet site [www.mymds.henkel.com](http://www.mymds.henkel.com) by entering number 470833.

