SAFETY DATA SHEET
BRUSH ON GLUE

## SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

**1.1 Product Identifier**

Trade name **Brush On Nail Glue**

Item codes 1212031000

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

Identified uses: Adhesive for the nail modellage

**1.3 Details of the supplier of the safety data sheet**

Company name: WWBD Group
De Run 4221
5503 LM Veldhoven
The Netherlands
Tel: +31 (0) 40 -2069509
Fax: +31 (0) 40 - 2065481
Email: regulatory@wwbdgroup.com

**1.4 Emergency telephone number:**

National Poison Centre Netherlands:+31 (0)30 – 2748888

**NOTE** 'Only for the purpose of informing medical personnel in cases of acute intoxications'

## SECTION 2. HAZARDS IDENTIFICATION

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

| | |
|---|---|
| **Additional information for the labelling** | Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children. |
| **Classification according to Regulation (EC) 1272/2008:** | H319 - Causes serious eye irritation.<br>H335 - May cause respiratory irritation.<br>H315 - Causes skin irritation. |

**2.2.Label elements**

| | |
|---|---|
| **Label elements according to Regulation (EC) 1272/2008** |  <br>Warning |

**2.3. Other hazards**

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Substances

| | |
|---|---|
| Substances | Not applicable. |

### 3.2. Mixtures

Dangerous Ingredients / Ingredients with exposure limits at the workplace

| CAS - No. | Index - No. | EC - No. | Chemical name | m% | H - phrases |
|---|---|---|---|---|---|
| 7085-85-0 | 607-236-00-9 | 230-391-5 | ethyl 2-cyanoacrylate | > 80 | H319, H335, H315 |
| 9011-14-7 | - | - | polymethylmethacrylate | <5 | GHS/CLP: STOT SE 3: H335 – Eye Irrit. 2: H319 – Skin Irrit. 2: H315 |
| 123-31-9 | 604-005-00-4 | 204-617-8 | 1,4-Dihydroxybenzene | <0.1 | Carc. 2: H351 – Muta. 2: H341 – Acute Tox. 4: H302 – Eye Dam. 1: H318 – Skin Sens. 1: H317 – Aquatic Acute 1: H400, M = 10 |

**Comment on component parts:** Substances of Very High Concern – SVHC: substances are not contained or are Below 0,1 %.
For the wording of the listed risk phrases refer to section 16. SECTION 4. FIRST AID MEASURES

### 4.1. Description of first aid measures

| | |
|---|---|
| **General advice** | Change soaked clothing. Show this safety data sheet to the doctor in attendance. |
| **Inhalation** | Move to fresh air in case of accidental inhalation of vapours. If symptoms persist, call a physician. |
| **Ingestion** | immediately in the mouth, making it almost impossible to swallow, but beware of possible choking hazard. Saliva will separate the solidified product from the mouth over a period of hours. Seek medical attention |
| **Skin contact** | Do not pull bonded skin apart. Remove contaminated clothing. Wash with soap/cleanser and rinse with plenty of water. Any bonded skin should be gently peeled apart with the aid of a blunt object, preferably after soaking in warm, soapy water. If irritation persists, obtain medical attention. In the case of large spills on skin, superficial burns may occur. Treat burns accordingly |
| **Eye contact** | Cyanoacrylates bond eyelids in seconds. Irrigate thoroughly with water for at least 15 minutes. Take care not to wash chemical from one eye to another. If the eyelid is bonded closed, do not force open. Cover with wet pad soaked in warm water. Get prompt medical attention, in case solid particles of cured cyanoacrylate trapped behind the eye cause any abrasive damage. Keep eye covered with wet pad until de-bonding is complete, usually 1-3 days. (Cyanoacrylate will bond to eye protein, causing a lachrymatory effect that aids de-bonding). |

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

| | |
|---|---|
| **Most important symptoms and effects, both acute and delayed** | No data available. |

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

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|---|---|
| **Indication of any immediate medical attention and special treatment needed** | Treat symptomatically. In case of lung irritation first treatment with dexametason aerosol (spray). |

## SECTION 5. FIRE-FIGHTING MEASURES

**5.1. Extinguishing Media**

| | |
|---|---|
| **Suitable Extinguishing Media** | Carbon dioxid. Water spray jet. Sand. Dry powder |
| **Unsuitable extinguishing media** | Do not use direct water jets |

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

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|---|---|
| **Special hazards arising from the substance or mixture** | Carbon monoxide (CO).<br>Unknown risk of formation of toxic pyrolysis products. |

**5.3 .Advice for fire-fighters**

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|---|---|
| **Advice for firefighters** | Do not inhale explosion and/or combustion gases. Use self-contained breathing<br>apparatus. Collect contaminated firefighting water separately, must not be discharged<br>into the drains. Cool containers at risk with water spray jet |

## SECTION 6. ACCIDENTAL RELEASE MEASURES

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

| | |
|---|---|
| **Personal precautions** | Ensure adequate ventillation. Keep away from all sourced of ignition. Forms slippery surfaces with water. Use breathing apparatus if exposed to vapours/dust/aerosol. |
| **For non-emergency personnel** | Use personal protective equipment. Ensure adequate ventilation. |
| **For emergency responders** | Use personal protective equipment. Ensure adequate ventilation. |

**6.2. Environmental precautions**

| | |
|---|---|
| **Environmental precautions** | Prevent spread over a wide area (e.g. by containment or oil barriers). Do not discharge into the drains/surface waters/groundwater. |

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

| | |
|---|---|
| **Methods and material for containment** | Ventilate area. Evacuate personnel. Use barriers to prevent unauthorised entry into contaminated areas. |
| **Methods and material for cleaning up** | Pick up with absorbent material (e.g. sand, sawdust, universal absorbent, diatomaceous Earth). Disposne of absorbed material in accordance within the regulations |
| **Inappropriate containment or clean-up techniques** | None. |

**6.4. Reference to other sections**

| | |
|---|---|
| **Reference to other sections** | See section 8 and 13. |

## SECTION 7. HANDLING AND STORAGE

**7.1. Precautions for safe handling**

| | |
|---|---|
| **Recommendations shall be specified to** | Use only in well-ventillated areas. Avoid spilling or spraying in enclosed areas. Keep away from all sources of ignition – Refrain in processing.<br>Highly volatile, flammable components are liberated in processing |
| **Advice on general occupational hygiene shall be provided** | Do not breathe vapour. Avoid contact with skin and eyes. Remove and wash contaminated clothing before re-use When using do not eat or drink. When using do not smoke. |

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

| | |
|---|---|
| **Conditions for safe storage, including any incompatibilities** | Only use containers that are approved specifically for the substance/product. Provide Solvent-resistant and impermeable floor. Do not store together with oxidizing agents. Preotect from heat/overheating. Keep container in a well-ventillated place. Keep container tightly closed |
| **Precautions in Case of Fire and Explosion** | The product is flammable. Normal measures for preventive fire protection. Keep away from sources of ignition - No smoking. |

### 7.3. Specific end use(s)

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|---|---|
| **Specific end use(s)** | Cosmetic product - adhesive for the nail modellage. |

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

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|---|---|
| **Control parameters** | Ethyl-2-cyanacrylate<br>Short-term exposure (15-minute): 0,3 ppm, 1,5 mg/m³ |
| | 1,4-Dihydroxybenzene<br>Long-term exposure: 0,5 mg/m³ |

### 8.2. Exposure controls

| | | |
|---|---|---|
| **Exposure controls** | | Ensure adequate ventilation on workstation. |
| **Personal Protective Equipment** | | |
| **Respiratory Protection** |  | Use in well ventilated areas. Use local exhaust ventilation if exposed for long periods. If excessive inhalation in a poorly ventilated area is likely then use a respirator with filter type A. Ambient Relative Humidity should be >35% to minimise discomfort. |
| **Hand protection** |  | Wear Polythene, Polypropylene or Viton gloves. Latex (natural rubber), nylon or PVC gloves only provide protection for a few seconds.<br>In full contact: Butyl rubber, >240 min (EN 374).<br>In splash contact: Nitrile rubber, >120 min (EN 374). |
| **Eye protection** |  | Wear suitable eye protection, such as glasses rated to BS EN 166. |
| **Skin protection** |  | If handling large quantities, wear suitable protective clothing. Remove contaminated clothing and shoes immediately. Do not wear contaminated clothing. |
| **Further Information** | | Choose body protection according to the amount and concentration of the dangerous substance at the work place. |
| **Thermal hazards** | | None. |
| **Environmental exposure controls** | | None. |

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

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

| | |
|---|---|
| Physical State | Viscous liquid |
| Odor | Like cyanacrylate |
| Colour | Colourless |
| Odor threshold | No data available |
| pH:, (undiluted) | No data available |
| Boiling Point/Boiling range | >185°C |
| Melting Point/Melting range | ~ -30°C |
| Flash point (°C) | ~ 85 (Ethyl-2-cyanacrylat / ethyl 2-cyanoacrylate) |

| | |
|---|---|
| Evaporation Rate | No data available |
| Flammability (solid, gas): | The product is flammable but not readily ignited. |
| Upper/lower flammability or explosive limits | Not applicable, obere: not applicable |
| Vapour pressure | No data available |
| Vapour density ((Air = 1.0)) | No data available |
| Relative density (g/cm3) | 1,07 |
| Water solubility | Insoluble. Polymerises rapidly with water |
| Fat solubility | Miscible in some organic solvents, e.g. acetone, MEK |
| Partition coefficient (n-octanol/water): | No data available |
| Auto-ignition temperature °C | 490 °C |
| Decomposition temperature °C | No data available |
| Viscosity | No data available |
| Oxidising properties | Not applicable |
| Explosive properties | Not applicable |
| Solvent (Weight %): | Not applicable |
| VOC (g / kg): | Not applicable |

**9.2. Other information**

| | |
|---|---|
| **Thermal decomposition (°C)** | No data available |
| **Vapour density (Air = 1)** | No data available |
| **Evaporation rate** | No data available |

## SECTION 10. STABILITY AND REACTIVITY

**10.1. Reactivity**

| | |
|---|---|
| **Reactivity** | See section 10.3 |

**10.2. Chemical stability**

| | |
|---|---|
| **Chemical stability** | Stable under normal ambient conditions (ambient temperature). |

**10.3. Possibility of hazardous reactions**

| | |
|---|---|
| **Possibility of hazardous reactions** | Keep away from oxidizing agents, strongly alkaline materials and amines in order to avoid exothermic reactions. |

**10.4. Conditions to avoid**

| | |
|---|---|
| **Conditions to avoid** | High temperatures, moisture and direct sunlight. Hazardous exothermic polymerization can occur if exposed to moisture |

**10.5. Incompatible materials**

| | |
|---|---|
| **Materials to avoid** | Strong oxidising agents, water, alkalis, amines, alcohols, free-radical initiators. Will polymerise rapidly in contact with these agents. |

**10.6. Hazardous decomposition products**

| | |
|---|---|
| **Hazardous decomposition products** | Irritant gases/vapozurs. |

**10.7. Hazardous Polymerization**

## SECTION 11. TOXICOLOGICAL INFORMATION

**11.1. Information on toxicological effects**

| Acute toxicity | Route: | Species: | Dose: | Notes |
|---|---|---|---|---|
| Ethyl -2-Cyanoacrylate | Oral | Rat | LD50 >5,000mg/kg | Expected to be very low. Product is almost impossible to swallow, due to polymerisation in the mouth |
| 1,4-Dihydroxybenzene | Oral | Rat | LD50 >302mg/kg | |
| | Dermal | Rat | LD50 900mg/kg | |
| **Sensitisation:** | Not classified as sensitising. Prolonged or repeated over-exposure to high concentrations of vapours may lead to sensitising effects in sensitive individuals | | | |
| **Eye irritation** | Causes severe irritation. Conjunctival irritation and temporary corneal injury possible. Profuse eye watering and redness | | | |
| **Skin irritation** | Irritation and redness at site of contact. Prolonged or repeated contact may lead to itching, soreness, blistering, dermatitis, etc. | | | |
| **Respiratory tract** | Causes irritation – also of mucous membranes, nose and throat. Very high concentrations can cause nose bleeds. | | | |
| **Chronic toxicity** | Not expected. | | | |
| **Repeated-dose toxicity:** | Not expected at recommended OES levels (an NOAEL of 1-2ppm is likely). | | | |
| **Reproductive toxicity** | No adverse results reported | | | |
| **Carcinogenicity:** | No adverse results reported | | | |
| **Mutagenicity:** | No adverse results reported. | | | |
| **Routes of exposure** | Refer to section 4 of SDS for routes of exposure and corresponding symptoms | | | |

## SECTION 12. ECOLOGICAL INFORMATION

**12.1. Toxicity**

| | |
|---|---|
| **Toxicity (Ecotoxic Effects, Aquatic Toxicity)** | 1,4-Dihydroxybenzene, CAS: 123-31-9<br>LC 50, (96h), Pimephales promelas: 0,044 mg/l (IUCLID). M=10<br>EC50, (24h), Daphnia magna: 0,12.<br>IC50, (72h), Pseudokirchneriella subcapitata: 0,335 mg/l (IUCLID).<br>EL50, Bakterien: 0,038 mg/l/30min (IUCLID). M=10 |

**12.2. Persistence and degradability**

| | |
|---|---|
| **Persistence and degradability** | Not considered to be inherently biodegradable |

**12.3. Bioaccumulative potential**

| | |
|---|---|
| **Bioaccumulative potential** | Expected to be very low |

**12.4. Mobility in soil**

**12.5. Results of PBT and vPvB assessment**

**12.6. Other adverse effects**

| | |
|---|---|
| **Water hazard classification** | Ecological data of complete product are not available.<br>Do not discharge product unmonitored into the environment.<br>Do not allow product to reach the drainage. |

## SECTION 13. DISPOSAL CONSIDERATIONS

**13.1. Waste treatment methods**

| | |
|---|---|
| **Disposal operations** | Waste material must be disposed of in accordance with the Directive on waste 2008/98/EC as well as other national and local regulations. It |

| | |
|---|---|
| | is not possible to determine a waste code for this product in accordance with the European Waste Caralogue (EWC) since it is onyl possible to classify it according to how it is used by the customer. The waste code is to be determined within the EU in liaison with the waste-disposal operator |
| **Disposal of packaging** | Dispose of product through properly licensed contractors under national and local legislation. Add water to contaminated packaging and then dispose of according to local regulations |
| **Note:** | The user's attention is drawn to the possible existence of regional or national regulations regarding disposal |

## SECTION 14. TRANSPORT INFORMATION

| | | | |
|---|---|---|---|
| **ADR / RID** | | | |
| UN number | 3334 | Classification code | No dangerous goods |
| ADR Class | | Shipping name | |
| Packing group | | Labelling | |
| Hazard ID no | | | |
| **IMDG / IMO** | | | |
| UN number | 3334 | Class | |
| Packing group | | Labelling | |
| EmS | | Marine Pollutant | |
| **IATA / ICAO** | | | |
| UN number | 3334 | Class | |
| Packing group | 9 | Labelling | |
| Packing instructions | Aviation Regulated Liquid, n.o.s. (cyanoacrylate ester) | | |

## SECTION 15. REGULATORY INFORMATION

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

| | |
|---|---|
| **Safety, health and environmental gulations/legislation specific for the substance or mixture** | Labelling according to the Regulation (EC) 1272 / 2008: |

**15.2. Ingredients**

| | |
|---|---|
| **Ingredients** | ETHYL CYANOACRYLATE, |
| **Hazard Symbols:** |  |
| **Label Phrases** | WARNING |
| **Safety phrases** | STOT SE 3 – H335 May cause respiratory irritation.<br>Eye irrit. 2 – H319 Causes serious eye irritation.<br>Skin irrit. 2 – H315 Causes skin irritation.<br>EUH 208 May produce an allergic reaction |
| | Classification according to conversion table Annex VII 1272/2008/EC |

## SECTION 16. OTHER INFORMATION

**Note**: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions

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