



## **SAFETY DATA SHEET**

### **Nail Glue**

**Date 01/02/2021**

This safety data sheet conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Regulation (EU) No. 453/2010 -Europe

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

1.1. Product identifier

Product name: Nail Glue

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

Use of substance / mixture: As a glue for the application and adhesion of tips and decorative articles on nails or as a resin overlay with fibreglass, silk or use with dipping acrylic polymer

1.3. Details of the supplier of the safety data sheet

Company name- Nail Vanity  
NV Acrylic Systems  
159 Oxford Street  
Leigh  
Greater Manchester  
WN71NW

Tel: 07503754096

Email: nailvanity@mail.com

## **Section 2: Hazards identification:**

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

**Classification under CLP:** STOT SE 3: H335; Eye Irrit. 2: H319; Skin Irrit. 2: H315; -: EUH202

**Most important adverse effects:** Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation.

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

### **2.2 Label Elements:**



**Signal Word:**  
Warning.

**Hazard Pictograms:**  
GHS 07:Exclamation Mark

### **Hazard Statements:**

H315:	Causes skin irritation.
H319:	Causes serious eye irritation.
H335:	May cause respiratory irritation.
EUH202:	Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children.

### **Precautionary Statements:**

P261:	Avoid breathing vapours.
P271:	Use only outdoors or in a well-ventilated area. P280: Wear protective gloves.
P302+352:	IF ON SKIN: Wash with plenty of water/.
P305+351+338:	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+313:	If eye irritation persists: Get medical advice/attention.

### **2.3 Other Hazards**

None Listed

**Section 3: Composition/information on ingredients:**

**PBT:** This product is not identified as a PBT/vPvB substance.

**Hazardous ingredients:**

ETHYL-2-CYANOACRYLATE - REACH registered number(s): 01-2119527766-29-...

EINECS	CA	PBT/WEL	CLP Classification	Percen
230-391-5	7085-85-0	-	Eye Irrit. 2: H319; STOT SE 3: H335; Skin Irrit. 2: H315	>80%

**Section 4: First aid measures**

**4.1 First Aid Measures:**

**Skin contact:** Do not pull bonded skin apart. Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water. Any bonded skin should be gently peeled apart, preferably after soaking in warm, soapy water. If irritation persists, obtain medical attention.

**Eye contact:** Bathe the eye with running water for 15 minutes. 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 debonding is complete, usually 1-3 days. (Cyanoacrylate will bond to eye protein, causing a lachrymatory effect that aids debonding).

**Ingestion:** Ensure breathing passages are not obstructed. Saliva will separate the solidified product from the mouth over a period of hours. Consult a doctor.

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst

doing so. Consult a doctor.

#### **4.2 Most important symptoms and effects, both acute and delayed:**

**Skin contact:** There may be irritation and redness at the site of contact. In the case of large spills on the skin, superficial burns may occur - treat accordingly.

**Eye contact:** Cyanoacrylates bond eyelids in seconds. There may be irritation and redness. The eyes may water profusely.

**Ingestion:** There may be soreness and redness of the mouth and throat. The product will polymerize immediately in the mouth, making it almost impossible to swallow, but beware of possible choking hazard.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

**Immediate / special treatment:** Eye bathing equipment should be available on the premises

#### **Section 5: Fire-fighting measures**

##### **Suitable Extinguishing Media:**

Alcohol resistant foam. Dry chemical powder. Carbon dioxide. Do not use water.

##### **Specific hazards arising from the chemical**

**Exposure hazards:** In combustion emits toxic fumes. In combustion emits toxic fumes of carbon dioxide / carbon monoxide. In combustion emits toxic fumes of nitrogen oxides.

#### **5.3 Advice for fire-fighters:**

Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

#### **Section 6: Accidental release measures**

##### **Personal Precautions, Protective Equipment, & Emergency Procedures:**

Personal precautions: Refer to section 8 of SDS for personal protection details. Evacuate the area immediately.

If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid.

### **Environmental Precautions:**

Do not discharge into drains or rivers. Contain the spillage using bunding.

### **Methods for containment and cleaning up:**

Clean-up procedures: Absorb into dry earth or sand. (do not use cloths). Transfer to a closable, labelled salvage container for disposal by an appropriate method. Or polymerise slowly with water (~10:1, adhesive : water) and then scrape up.

### **Reference to other sections:**

Refer to section 8 of this SDS

### **Section 7: Handling and storage:**

#### **7.1. Precautions for safe handling:**

Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air. Wear polythene, polypropylene or Viton gloves. Latex (natural rubber), nylon or PVC gloves only provide protection for a few seconds. Ambient humidity should be >35% to minimise discomfort.

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

**Storage conditions:** Store in a cool, well ventilated area. Keep away from direct sunlight. Keep container tightly closed. Keep away from sources of ignition.

Refrigerated storage (2 - 8oC) is recommended for optimum shelf life

**Suitable packaging:** Must only be kept in original packaging.

### **Section 8: Exposure controls/personal protection:**

#### **8.1 Control parameters**

**Specific end uses:** No data available.

#### **Hazardous ingredients:**

ETHYL-2 CYANOACRYLATE

Workplace exposure limits

Respirable dust

<u>State</u>	<u>8hr TWA</u>	<u>15 minSTEL</u>	<u>8 hr TWA</u>	<u>15 min STEL</u>
UK	--	1.5mg/m3	--	--

DNEL/PNEC: No data available

## **8.2 Exposure Controls**

**Engineering measures:** Ensure there is sufficient ventilation of the area. Ensure all engineering measures mentioned in section 7 of SDS are in place.

**Respiratory protection:** Self-contained breathing apparatus must be available in case of emergency.

**Hand protection:** Viton gloves.

**Eye protection:** Safety glasses with side-shields. Ensure eye bath is to hand.

**Skin protection:** Protective clothing

## **Section 9: Physical and chemical properties**

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

**State:** Liquid  
**Colour:** Colourless  
**Odour:** Acrid  
**Evaporation Rate:** Negligible  
**Oxidising:** Non oxidising by EU criteria.  
**Solubility in water:** Reacts with water  
**Also soluble in:** Acetone.  
**Viscosity:** Non viscous.  
**Kinematic Viscosity:** 40cPs  
**Viscosity test method:** Rotational viscometer.  
**Boiling point / range:** >150°C  
**Flash point:** >85°C  
**Part.coeff.n-octano l/ water:** N/A.  
**Vapour Pressure:** ~0.04mmHg@ 25°C  
**Relative density:** ~1.07.  
**Ph:** ~6-7

## **Section 10: Stability and reactivity:**

### **10.1 Reactivity:**

**Other information:** No data available

**Reactivity:** Stable under recommended transport or storage conditions.

**10.2 Chemical stability:**

No details listed

**10.3 Possibility of hazardous reactions:**

**Chemical stability:** Stable under normal conditions. Polymerises rapidly with water.

**Hazardous reactions:** Hazardous reactions will not occur under normal transport condition or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

**10.4 Conditions to avoid:**

**Conditions to avoid:** Heat, direct sunlight, sources of ignition moist air and humidity.

**10.5 Incompatible Materials:**

No details listed

**10.6 Hazardous decomposition products:**

**Materials to avoid:** Strong oxidising agents. Water. Bases. Amines. Alcohols.

**Haz. Decomp. Products:** In combustion emits toxic fumes of carbon dioxide / carbon monoxide and nitrogen oxides

**Section 11: Toxicological information:**

**Hazardous Ingredients:**

ETHY-2CYANOACRYLATE

ORAL	RAT	LD50	>5	MI/Kg
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Relevant hazards for substance:

Hazard:	Route:	Basis:
Skin corrosion / irritation	DRM	Hazardous: calculated
Serious eye damage / irritation	OPT	Hazardous: calculated

STOT – single exposure	INH	Hazardous: calculated
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**Symptoms / routes of exposure:**

<b>Skin Contact:</b>	There may be irritation and redness at the site of contact. In the case of large spills on the skin, superficial burns may occur – treat accordingly.
<b>Eye Contact:</b>	Cyanoacrylates bond eyelids closed in seconds. There may be irritation and redness, the eyes may water profusely.
<b>Ingestion:</b>	There may be soreness and redness of the mouth and throat. The product will polymerise immediately in the mouth, making it almost impossible to swallow, but beware of choking hazard.
<b>Inhalation:</b>	There may be irritation of the throat with a feeling of tightness in the chest.
<b>Delayed / immediate effects:</b>	Immediate effects can be expected after short term exposure.

**Section 12: Ecological information:**

**12.1 Toxicity:**

No data available.

**12.2 Persistence and degradability:**

No data available

**12.3 Bioaccumulative potential:**

No bioaccumulation potential.

**12.4 Mobility in soil:**

Considered to be very low due to rapid polymerisation in water.

**12.5 results of PBT and vPvB assessment:**

This product is not identified as a PBT / vPvB substance

**12.6 Other adverse effects:**

Negligible ecotoxicity.



### **Section 13: Disposal considerations:**

#### **Waste treatment methods:**

#### **Disposal of Wastes:**

It is the responsibility of the generator to determine at the time of disposal whether the product meets the criteria of a hazardous waste. When discarded as shipped it is a hazardous waste by EPA under RCRA. After addition of excess inhibitor, dispose of waste materials in accordance with Federal, State and local regulations. Comply with all applicable Federal, State and local regulations. Waste disposal options include landfilling solids at permitted sites. Incinerate in a chemical incinerator equipped with an afterburner and scrubber. Use only registered, approved transport contractors.

#### **Contaminated Packaging:**

Reuse of empty drums or containers is not recommended. Employees should always be advised of the potential hazards, due to residual flammable materials, associated with empty containers. Dispose of all empty containers properly in accordance with Federal, State and Local Regulations.

In terms of all aspects of waste disposal, all International and national regulations must be adhered to.

### **Section 14: Transport information**

<b>14.1 UN Number:</b>	UN3334
<b>14.2 UN Proper shipping name:</b>	Aviation regulated liquid N.O.S. (ETHYL-2-CYANOACRYLATE)
<b>14.3 Transport hazard class(es):</b>	None Applicable
<b>14.4 Packing Group:</b>	None Applicable
<b>14.5 Environmental Hazards:</b>	
<b>Transport Class:</b>	9
<b>Environmentally hazardous:</b>	No
<b>Marine pollutant:</b>	No
<b>14.6 Special precautions for user:</b>	None Given

### **Section 15: Regulatory information**

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

N/A

#### **15.2. Chemical Safety Assessment:**

A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

### **Section 16: Other information:**

**Other Information:** This safety data sheet is prepared in accordance with Commission Regulation (EU)453/2101.

**Phrases used in s.2 and s.3:** EUH202:Cyanoacrylate.Danger. Bonds skin and eyes in seconds. Keep out the reach of children.  
H315: Causes skin irritation.  
H319: Causes serious eye irritation.  
H335: May cause respiratory irritation.

Legal disclaimer:

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may

present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Information contained within this SDS is only to be distributed as required by law.