

SAFETY DATA SHEET

In accordance with 1907/2006 annex II and 1272/2008
(All references to EU regulations and directives are abbreviated into only the numeric term)
Issued 2024-07-30
Version number 1.0



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

1.1. Product identifier

Trade name	Brush on nail glue
Article number	22322
UFI:	THR4-V0R4-N00Y-163P

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

Identified uses	Nail glue
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1.3. Details of the supplier of the safety data sheet

Company	Lilly Nails AB Stationsvägen 1F 435 37 Mölnlycke Sweden
Telephone	+46 31298829
E-mail	order@lillynails.se

1.4. Emergency telephone number

Phone number for emergencies: 999 or 112. The numbers are available 24/7.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Skin Irrit. 2, H315
Eye Irrit. 2, H319
STOT SE 3, H335
(See section 16)

2.2. Label elements

Hazard pictogram



Signal word

Warning

Hazard statements

H315

Causes skin irritation

H319

Causes serious eye irritation

H335

May cause respiratory irritation

Precautionary statements

P101

If medical advice is needed, have product container or label at hand

P102

Keep out of reach of children

P261

Avoid breathing vapours

P271

Use only outdoors or in a well-ventilated area

P280

Wear protective gloves and eye protection

P305+P351+P338

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

P312

Call a POISON CENTER if you feel unwell

P405

Store locked up

P501

Dispose of contents and container to authorised waste disposal facility

Supplemental hazard information

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

Contains: ETHYL 2-CYANOACRYLATE

2.3. Other hazards

This product does not contain any substances that are assessed to be a PBT or a vPvB

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Note that the table shows known hazards of the ingredients in pure form. These hazards are reduced or eliminated when mixed or diluted, see Section 16d.

Constituent	Classification	Concentration
ETHYL 2-CYANOACRYLATE		
CAS No: 7085-85-0 EC No: 230-391-5 Index No: 607-236-00-9	Skin Irrit. 2, Eye Irrit. 2, STOT SE 3; H315, H319, H335 <i>Specific concentration limits and acute toxicity estimates (ATE):</i> <i>STOT SE 3, H335: C ≥ 10 %</i>	>65 %

Explanations to the classification and labelling of the ingredients are given in Section 16e. Official abbreviations are printed in normal font. Text in italics are specifications and/or complements used in the calculation of the classification of this mixture, see Section 16b.

SECTION 4: First aid measures

4.1. Description of first aid measures

Generally

In case of concern, or if symptoms occur, call a doctor/physician.

Upon breathing in

Bring the injured person out into fresh air. Give artificial respiration if breathing has stopped. If breathing is difficult let trained personnel administer oxygen. Let the injured person rest in a warm place with fresh air and seek medical advice immediately.

Upon eye contact

Remove contact lenses immediately if possible.

Do not rub the eyes.

Rinse the eye for several minutes with lukewarm water. If irritation persists call a doctor/ophthalmologist.

Cover the eye with warm, wet compresses until the eyelids can separate. Do not attempt to separate glued eyelids.

Upon skin contact

- Remove contaminated clothing.
- Wash the skin with soap and water.
- Never wash skin with organic solvents.
- If symptoms occur, contact a physician.
- If body parts are glued together, then soap and lukewarm water should be used. Carefully separate skin surfaces glued together.

Upon ingestion

- Rinse nose, mouth and throat with water.
- Contact a doctor.
- Ingestion is unlikely, as the product hardens immediately in the mouth.

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

Upon breathing in

- May cause respiratory irritation.
- Can trigger allergies during inhalation and cause irritation, cough and breathing troubles. During prolonged or repeated inhalation there is a risk of asthma-resembling problems.

Upon eye contact

- Causes serious eye irritation.
- Fumes may irritates the eyes on contact.

Upon skin contact

- Irritation.
- May cause an allergic skin reaction in sensitive persons. This effect may be delayed several hours.

Upon ingestion

- May cause irritation of mucous membranes, nausea and vomiting.

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

- Symptomatic treatment.
- Upon contact with a doctor, make sure to have the label or this safety data sheet with you.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Recommended extinguishing agents

- Extinguish with water mist, powder, carbon dioxide or alcoholresistant foam.

Unsuitable extinguishing agents

- May not be extinguished with water dispersed under high pressure.

5.2. Special hazards arising from the substance or mixture

- Produces fumes containing harmful gases (nitrogen oxides, carbon monoxide and carbon dioxide) when burning, and, in case of incomplete combustion, aldehydes and other toxic, harmful, irritant or environmentally harmful substances.
- High temperatures and fire can lead to polymerisation, which may cause the packaging to explode.

5.3. Advice for firefighters

- Protective measures to be taken with regard to other materials at the scene of the fire.
- In case of fire use proper breathing apparatus.
- Wear full protective clothing.
- Cool closed containers that were exposed to fire with water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- Keep unauthorized and unprotected people at a safe distance.
- Evacuate the accident area and call an ambulance, if relevant.
- Do not inhale the product and avoid exposure to skin, eyes and clothing.
- Ensure good ventilation.
- Use recommended safety equipment, see section 8.
- Use breathing apparatus when oxygen levels are low or unknown.

6.2. Environmental precautions

- Avoid release to drains, soil or watercourses.

6.3. Methods and material for containment and cleaning up

Stop leak if safe to do so.

Absorb the liquid with an inert absorbent, vermiculite, for example. Collect the material for disposal at a waste disposal facility.

Ensure good ventilation after sanitation.

6.4. Reference to other sections

See section 8 and 13 for personal protection equipment and disposal considerations.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Take the necessary preventive and protective measures for safe handling.

Do not inhale the fumes and avoid exposure to skin, eyes and clothing.

Work in order to avoid spillage. If spillage does occur, address it immediately in accordance with the directions specified in Section 6 of this safety data sheet.

The product must only be handled by persons with relevant training.

Persons with chronic respiratory ailments or propensity for allergies should not work with this product.

Store this product separately from food items and keep it out of the reach of children and pets.

Do not eat, drink or smoke in premises where this product is handled.

Wash your hands after using the product.

Remove contaminated clothing.

Wash contaminated clothing before reuse.

Keep away from incompatible products.

Use recommended safety equipment, see section 8.

Implement appropriate engineering controls if necessary, see Section 8.

7.2. Conditions for safe storage, including any incompatibilities

The product should be stored in a manner which prevents hazards to health and the environment. Avoid exposure to humans and animals and do not discharge the product in a sensitive environment.

Take the necessary preventive and protective measures for safe storage.

Keep out of reach for children.

To be stored away from food and animal fodder and away from devices or surfaces that are in contact with those items.

Store tightly, in original packaging.

Always use sealed and visibly labeled packages.

Store in dry and cool area.

Keep away from moisture.

Keep away from heat and sunlight.

Store in a well-ventilated space.

Do not store close to incompatible materials (see section 10.5).

7.3. Specific end use(s)

See identified uses in Section 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. National limit values

ETHYL 2-CYANOACRYLATE

United Kingdom (EH40/2005)

Short term exposure limit (STEL) 0.3 ppm / 1.5 mg/m³

DNEL
ETHYL 2-CYANOACRYLATE

	Type of exposure	Route of exposure	Value
Consumer	Chronic Systemic	Inhalation	9.25 mg/m ³
Worker	Chronic Local	Inhalation	9.25 mg/m ³
Worker	Chronic Systemic	Inhalation	9.25 mg/m ³
Consumer	Chronic Local	Inhalation	9.25 mg/m ³

PNEC

No data available.

8.2. Exposure controls

The risks posed by the product or its constituents must be considered in the task specific risk assessment, in accordance with current working environment legislation. The risk assessment should be reviewed regularly and updated if necessary.

8.2.1. Appropriate engineering controls

The ventilation in the workplace must ensure an air quality that meets the requirements of the current working environment legislation. Local exhaust ventilation should be used to remove airborne contaminants at the source.

Eye-rinsing facilities shall be available at the workplace.

Eye/face protection

Use protective glasses with tight seals according to standard EN166.

Skin protection

Use suitable protective clothing.

Use protective gloves fulfilling the standard EN374 if there is a risk of direct contact.

During continuous contact use gloves with a minimum breakthrough time of at least 240 minutes, preferably over 480 minutes.

The most suitable protective glove should be chosen in consultation with the glove supplier, taking into account the risk assessment for the specific task and the properties of the chemicals involved. Note that the breakthrough time of the material is affected by the duration of the exposure, temperature conditions, abrasion, etcetera.

Respiratory protection

Use appropriate respiratory protective equipment in case of insufficient ventilation.

The most appropriate respiratory protective equipment should be decided in consultation with the appointed safety representative, taking into account the risk assessment for the specific task.

Based on the physical and chemical properties of the product, the following filter type(s) and/or filter combination(s) are recommended:

– B.

8.2.3. Environmental exposure controls

For limiting environmental exposure, see section 12.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

(a) Physical state	liquid Form: liquid
(b) Colour	Clear
(c) Odour	acrylate
(d) Melting point/freezing point	Not indicated
(e) Boiling point or initial boiling point and boiling range	>150 °C
(f) Flammability	Not indicated
(g) Lower and upper explosion limit	Not indicated
(h) Flash point	85 °C
(i) Auto-ignition temperature	Not indicated
(j) Decomposition temperature	Not indicated
(k) pH	When supplied, pH is: 6 - 7
(l) Kinematic viscosity	40 mPa·s
(m) Solubility	Not indicated
(n) Partition coefficient n-octanol/water (log value)	>150
(o) Vapour pressure	≈0.05 hPa
(p) Density and/or relative density	1.05 g/ml
(q) Relative vapour density	Not indicated
(r) Particle characteristics	Not indicated

9.2. Other information

9.2.1. Information with regard to physical hazard classes

Not indicated

9.2.2. Other safety characteristics

Not indicated

SECTION 10: Stability and reactivity

10.1. Reactivity

Risk of exothermic polymerisation.

10.2. Chemical stability

The product is stable at normal storage and handling conditions.

10.3. Possibility of hazardous reactions

Danger of bursting of closed systems to vigorous exothermic polymerization. Avoid uncontrolled polymerization.

10.4. Conditions to avoid

Avoid heat, sparks and open flames.
Protect from moisture.
Protect from heat and direct sunlight.

10.5. Incompatible materials

Avoid contact with:
Water.
Acids.
Bases.
Alcohols.
Oxidizing substances.

10.6. Hazardous decomposition products

Aldehydes.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Information on possible health hazards are based on experience and / or toxicological properties of several components in the product.

Polymerization fumes may cause eye and airway irritation.

The product may very rapidly paste skin and mucous membranes.

Acute toxicity

The product is not classified as acutely toxic.

ETHYL 2-CYANOACRYLATE

LD50 rat 24h: > 5000 mg/kg Orally

Skin corrosion/irritation

Irritant to skin.

Serious eye damage/irritation

Causes serious eye irritation.

Respiratory or skin sensitisation

The product is not classified as sensitising.

May cause an allergic reaction in sensitised people.

Germ cell mutagenicity

The product is not classified as mutagen.

Carcinogenicity

The product is not classified as carcinogenic.

Reproductive toxicity

The product is not classified as a reproductive toxicant.

STOT-single exposure

May cause potent irritation in the airways/lungs.

STOT-repeated exposure

The product is not classified for specific organ toxicity after repeated exposure.

Aspiration hazard

The product is not classified as being toxic for aspiration.

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

No information is available.

11.2.2. Other information

Not indicated.

SECTION 12: Ecological information

12.1. Toxicity

The product is not to be labelled as a environmental hazard. However, it is not inconceivable that large emissions, or repeated small emissions, can have a harmful effect on the environment.

Prevent release on land, in water and drains.

ETHYL 2-CYANOACRYLATE

LC50 Ide (Leuciscus idus) 48h: 160 mg/l

12.2. Persistence and degradability

No information is available.

12.3. Bioaccumulative potential

No information is available.

12.4. Mobility in soil

The product polymerizes rapidly in an aquatic environment. Hardened product exhibits low soil mobility.

12.5. Results of PBT and vPvB assessment

This product does not contain any substances that are assessed to be a PBT or a vPvB.

12.6. Endocrine disrupting properties

No information is available.

12.7. Other adverse effects

No information is available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste handling of the product

Avoid discharge into sewers.

Discarded products must be disposed of as hazardous waste in accordance with regulations.

Not completely emptied packaging can contain remnants of dangerous substances and should therefore be handled as hazardous waste according to the above. Completely emptied packaging can be recycled.

See directive 2008/98/EC on waste. Observe national or regional provisions on waste management.

Classification according to 2008/98/EC

Recommended LoW-code: 08 04 09 Waste adhesives and sealants containing organic solvents or other dangerous substances

SECTION 14: Transport information

Where not otherwise stated the information applies to all of the UN Model Regulations, i.e. ADR (road), RID (railway), ADN (inland waterways), IMDG (sea), and ICAO (IATA) (air).

14.1. UN number or ID number

3334

14.2. UN proper shipping name

AVIATION REGULATED LIQUID, N.O.S. (ETHYL 2-CYANOACRYLATE)

14.3. Transport hazard class(es)

Class

9: Other hazardous substances and articles

Classification code (ADR/RID)

M11: Other substances presenting a danger during carriage, but not meeting the definitions of another class

Subsidiary risk (IMDG)

No subsidiary risk according to IMDG

Labels

14.4. Packing group

Not applicable

14.5. Environmental hazards

Not applicable

14.6. Special precautions for user

Tunnel restrictions

Tunnel category:

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

14.8 Other transport information

No stowage category (IMDG)

Emergency Schedule (EmS) for FIRE (IMDG) 0

Emergency Schedule (EmS) for SPILLAGE (IMDG) 0

SECTION 15: Regulatory information

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

Not indicated.

15.2. Chemical safety assessment

Assessment and chemical safety report in accordance with 1907/2006 Annex I has not yet been performed.

SECTION 16: Other information

16a. Indication of where changes have been made to the previous version of the safety data sheet

Revisions of this document

This is the first version

16b. Legend to abbreviations and acronyms used in the safety data sheet

Full texts for Hazard Class and Category Code mentioned in section 3

Skin Irrit. 2 Skin corrosion/irritation, Hazard Category 2 - Skin Irrit. 2, H315 - Causes skin irritation

Eye Irrit. 2 Serious eye damage/eye irritation, Hazard Category 2 - Eye Irrit. 2, H319 - Causes serious eye irritation

STOT SE 3 Specific target organ toxicity — Single exposure, Hazard Category 3, Respiratory tract irritation - STOT SE 3, H335 - May cause respiratory irritation

Explanations of the abbreviations in Section 14

ADR European Agreement concerning the International Transport of Dangerous Goods by Road

RID Regulations concerning the International Transport of Dangerous Goods by Rail

IMDG International Maritime Dangerous Goods Code

ICAO International Civil Aviation Organization (ICAO, 999 University Street, Montreal, Quebec H3C 5H7, Canada)

IATA The International Air Transport Association

Transport category: ;

16c. Key literature references and sources for data

Sources for data

Primary data for the calculation of the hazards has preferentially been taken from the official European classification list, 1272/2008 Annex I, as updated to 2024-07-30.

Where such data was not available, alternative documentation used to establish the official classification was used, e.g. IUCLID (International Uniform Chemical Information Database). As a second alternative, information was used from reputable international chemical industries, and as a third alternative other available information was used, e.g. material safety data sheets from other suppliers or information from non-profit associations, where reliability of the source was assessed by expert opinion. If, in spite of this, reliable information could not be sourced, the hazards were assessed by expert opinions based on the known hazards of similar substances, and according to the principles in 1907/2006 and 1272/2008.

Full texts for Regulations mentioned in this Safety Data Sheet

1907/2006 REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC

1272/2008 REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006

2008/98/EC DIRECTIVE 2008/98/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 19 November 2008 on waste and repealing certain Directives

16d. Methods of evaluating information referred to in 1272/2008 Article 9 which was used for the purpose of classification

Hazard calculation for this mixture has been performed as a cumulative assessment with the aid of expert assessments in accordance with 1272/2008 Annex I, where all available information which may be significant to establishing the hazards of the mixture was assessed together, and in accordance with 1907/2006 Annex XI.

16e. List of relevant hazard statements and/or precautionary statements

Full texts for hazard statements mentioned in section 3

H315 Causes skin irritation

H319 Causes serious eye irritation

H335 May cause respiratory irritation

16f. Advice on any training appropriate for workers to ensure protection of human health and the environment

Warning for misuse

Not indicated.

Other relevant information

Not indicated

Editorial information



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