

**PROFESSIONAL NAIL GLUE**

**Section 1 - Identification of the Substance/Preparation and of the Company/Undertaking**

Product Name: Professional Nail Glue Chemical Name: Ethyl 2-cyanoacrylate Family Name: N/A Product Use: Cyanacrylate Adhesive Product No. IM-PNG	MSDS Prepared By: ALD Supplier: Impression Beauty International U.A.E. Emergency Phone Numbers: GIZ-Nord, Germany, Telephone: +49 (0)551-19240 Information Contacts: 0049-(0)211-530641-0
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**Section 2- Composition/Information on Ingredients**

Chemical Identity	CAS Nos.	EINECS#	Content	Classification
Ethyl 2-cyanoacrylate	7085-85-0	230-391-5	90-100 %	Xi; R 36/37/38

**Section 3 - Hazards Identification**

**Classification**

Product is classified and labeled in accordance with Directive 1999/45/EC as amended.

**Xi** irritant

R 36/37/38 Irritating to eyes, respiratory system and skin.

**Critical hazard to man and environment:**

- Cyanacrylate - Danger - skin and eyelids will stick together in seconds.
- Keep out of the reach of children.
- Danger of polymerization with water or alkalis.

**Section 4- First Aid Measures**

General information:	Take off immediately all contaminated clothing.
Following inhalation	Move victim to fresh air; if necessary, provide artificial respiration or oxygen. Seek medical aid in case of troubles. Immediately wipe affected skin area with paper towel or cloth.
After skin contact	Wash with plenty of soap and water. Seek medical treatment in case of troubles.
After eye contact	Keep eye wide open. Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Do not attempt to pull apart bonded eyelid. Subsequently seek the immediate attention of an ophthalmologist.
After swallowing	Do not induce vomiting. Immediately get medical attention. Saliva will cause cyanoacrylate to polymerize in the mouth. If product comes into contact with lips, hold mouth open. Do not allow lips to contact one another. If lips are bonded together, use warm water to gently separate the lips apart

**Section 5- Fire Fighting Measures**

<b>Method:</b>	
Suitable extinguishing media:	Extinguishing powder, water fog, foam.
Extinguishing media which must not be used for safety reasons	High power water jet
Special exposure hazards arising from the preparation itself, combustion products, resulting gases	Combustible. Emits toxic fumes under fire conditions. Can be released in case of fire: Cyanide, nitrogen oxides (NOx), carbon monoxide and carbon dioxide, aldehydes, Methyl methacrylate.
Special protective equipment for fire-fighters	Wear a self-contained breathing apparatus and chemical resistant suit.
Additional information	Use a water spray jet to knock down vapours/gases/mists. Use fine water spray to cool endangered containers..

**PROFESSIONAL NAIL GLUE**

**Section 6- Accidental Release Measures**

Personal precautions	Provide adequate ventilation. Do not inhale vapours. Wear suitable protective clothing. Avoid contact with the substance
Environmental precautions	Do not allow to penetrate into soil, waterbodies or drains
Methods for cleaning up:	Plug leak if safely possible. Dam spills with earth or sand. Soak up with absorbent materials such as sand, siliceus earth, acid- or universal binder. Store in special closed containers and dispose of according to ordinance
Additional information	Remove all sources of ignition

**Section 7- Handling and Storage**

<b>Handling</b> Information for safe handling	Provide adequate ventilation, and local exhaust as needed. Do not inhale vapours. In case of insufficient ventilation, wear suitable respiratory equipment. Wear suitable protective clothing. Avoid contact with skin, eye and clothing.
Precautions against fire and explosion	Materials to avoid: cellulose wool shearing fleece: Risk of fire Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges.
<b>Storage</b> Requirements for storerooms and containers	Keep container tightly closed in a cool, well-ventilated place. Keep container dry. Protect from moisture contamination. Keep only in the original container. Protect against heat /sun rays.
Information about storage in one common storage facility	Do not store together with alkalis, oxidizing agents or amines. Keep away from food, drink and animal feeding stuffs
Storage class:	10

**Section 8- Exposure Controls/Personal Protective Equipment**

<b>Exposure limit values</b>			
CAS-No.	Chemical name	Type	Value
7085-85-0	Ethyl 2-cyanoacrylate	Great Britain: WEL-STEL Great Britain: WEL-STEL	0,3 ppm 1,5 mg/m <sup>3</sup>
<b>Exposure controls</b>			
Provide good ventilation and/or an exhaust system in the work area. Work place should be equipped with a shower and an eye rinsing apparatus. See also information in chapter 7, section storage.			
<b>Occupational exposure controls</b>			
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment. Use filter apparatus type A (= against vapours of organic substances) according to EN 141.		
Hand protection	Protective gloves according to EN 374. Glove material: polyethylene Unsuitable materials: Rubber, PVC. Breakthrough time: 480 min. Observe glove manufacturer's instructions concerning penetrability and breakthrough time.		

**PROFESSIONAL NAIL GLUE**

Eye protection	Tightly sealed safety glasses according to EN 166			
Skin protection	Use solvent-resistant protective clothing Cyanacrylate - Danger - skin and eyelids will stick together in seconds. Keep out of the reach of children.			
General protection and hygiene measures	When using do not eat, drink or smoke. Wash hands before breaks and at the end of work.			
<b>Appearance</b>	<b>Odor</b>	<b>Flash point/Flash Point Range</b>	<b>Density</b>	<b>Viscosity, Dynamic</b>
clear, transparent liquid	pungent	85 °C (c.c.)	1,05 g/ml	100 mPa*s

**Section 9- Stability and Reactivity**

**Materials to avoid:** Cellulose wool shearing fleece: Risk of fire. Reacts with: Oxidizing agents, reducing agents, amines, alcohols.

**Hazardous decomposition products:**

Emits toxic fumes under fire conditions. Can be released in case of fire: Cyanide, nitrogen oxides (NOx), carbon monoxide and carbon dioxide, aldehydes, Methyl methacrylate.

**Polymerization** hazardous polymerization at Contact with Water or Alkalis. Polymerization along with heat production.

**Additional information:** Light-sensitive. Product is stable under normal storage conditions

**Section 10- Toxicological Information**

**Toxicological Tests:**

**Acute toxicity:** LD50 Rat, oral: (Ethyl 2-cyanoacrylate) >= 5000 mg/kg

LD50 Rabbit, dermal: (Ethyl 2-cyanoacrylate) >= 2000 mg/kg

**Following inhalation:** Irritation of nose, throat, lung.

**After swallowing:** May be harmful if swallowed.

**After skin contact:** Irritant. May cause sensitization by skin contact.

**After eye contact:** irritant

**General remarks**

Cyanacrylate - Danger - skin and eyelids will stick together in seconds.

Following symptoms can occur: coughing, wheezing, laryngitis, gastrointestinal irritation.

**Section 11- Ecological Information**

**Ecotoxicity**

**Water Hazard Class:** 1 = mild water pollutant

**Additional ecological information**

**General information:** Do not allow to enter ground water, sewage or drains.

**Section-12 Disposal Consideration**

**Product**

**Waste key number** 080409\* = Waste adhesives and sealants containing organic solvents or other dangerous substances.

\* = Evidence for disposal must be provided.

**Recommendation:** Incinerate as hazardous waste according to applicable local, state, and federal regulations.

**Contaminated packaging**

**Recommendation:** Waste key number Contaminated packaging:

150102 - Plastic container

150104 - Packages of metal

Waste disposal according to official state regulations.

Cleaned containers may be recycled. Handle contaminated packaging in the same way as the substance itself

**PROFESSIONAL NAIL GLUE**

**Section 13- Transport Information**

<b>Overland transport (ADR/RID)</b>	ADR: not applicable RID: not applicable
<b>Transport by sea (IMDG)</b>	not applicable
<b>Air transport (IATA)</b>	
UN/ID number	3334
Proper shipping name	AVIATION REGULATED LIQUID, N.O.S. contains Ethyl 2-cyanoacrylate
ICAO/IATA	Class 9
Hazard	Miscellaneous
EQ	E0
Passenger Ltd.Qty.:	Y- - Maximum quantity: -
Passenger:	906 - Maximum quantity: 100 L
Cargo:	906 - Maximum quantity: 220 L
Special Provisioning	A27 - A48
ERG	9A

**Section 14- Regulatory Information**

**Classification**

**Code letter and hazard symbol:**

Xi irritant

**R phrase(s):** R 36/37/38 Irritating to eyes, respiratory system and skin.

**S phrase(s):** S (2) Keep out of the reach of children. S 23 Do not inhale vapours.

S 24/25 Avoid contact with skin and eyes.

S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

**Text for labelling** Cyanacrylate - Danger - skin and eyelids will stick together in seconds. Keep out of the reach of children.

See information supplied by the manufacturer

**National Regulations**

**National regulations - Germany**

Storage class: 10

Water Hazard Class: 1 = mild water pollutant

**National Regulations USA**

All ingredients are in compliance with TSCA

**Hazard Rating System (Pictograms)**

NFPA Hazard Rating:

Health: 2 (Moderate)

Fire: 1 (Slight)

Reactivity: 1 (Slight)

HMIS Version III Rating:

Health: 2 (Moderate)

Flammability: 1 (Slight)

Physical Hazard: 1 (Slight)

Personal Protection: X = Consult your supervisor



HEALTH	2
FLAMMABILITY	1
PHYSICAL HAZARD	1
	X

**Other Information**

**Further remarks**

**R phrase(s):** R 36/37/38 = Irritating to eyes, respiratory system and skin.

**Reason of change:** Changes in section 14: IATA-DGR 50th Edition

**Group that issues data sheet**

**Contact person:** see chapter 1, department responsible for information

The information in this data sheet has been established to our best knowledge and was up-to-date at time of revision. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations