

Safety Data Sheet according to 91/155/EEC

European Nail Factory

Revision date : 17.01.2006

Revision no. : 1,00

TIP GLUE

00642-0038

1. Identification of the substance/preparation and of the company/undertaking

1.1 Identification of the substance or preparation

TIP GLUE

Use of the substance/preparation

Cosmetic

1.2 Company/undertaking identification

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2. Composition/information on ingredients

Chemical characterization (preparation)

One-component adhesive based on ethylcyanoacrylate

Hazardous components

EC-No.	CAS-No.	Chemical name	Quantity	Classification
230-391-5	7085-85-0	ethyl 2-cyanoacrylate	> 99 %	Xi R36/37/38
204-617-8	123-31-9	1,4-dihydroxybenzene	< 1 %	Carc. Cat. 3, Muta. Cat. 3, Xn, Xi, N R40-68-22-41-43-50

Full text of each relevant R phrase can be found in heading 16.

3. Hazards identification

Classification

Symbols : Irritant

R-phrases :

Irritating to eyes, respiratory system and skin.

Explication of special hazards for human health and environment

Bonds skin and eyes in seconds.

4. First aid measures

General information

Remove and wash contaminated clothing before re-use.

After inhalation

Move to fresh air in case of accidental inhalation of fumes from overheating or combustion.

Refer for medical treatment.

After contact with skin

Take away immediately by mechanical means.

Wash off with soap and plenty of water.

Consult a physician.

Safety Data Sheet according to 91/155/EEC

European Nail Factory

Revision date : 17.01.2006

Revision no. : 1,00

TIP GLUE

00642-0038

After contact with eyes

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Summon a doctor immediately.

After ingestion

Rinse mouth.
Summon a doctor immediately.
Induce vomiting only upon the advice of a physician.

5. Fire-fighting measures

Suitable extinguishing media

Foam, carbon dioxide (CO₂), dry chemical, water-spray.

Extinguishing media which must not be used for safety reasons

Full water jet

Special exposure hazards arriving from substance or preparation itself, combustion products, resulting gases

Fire may produce:
Carbon monoxide (CO), carbon dioxide (CO₂) and nitrogen oxides (NO_x).

Special protective equipment for fire-fighters

Use breathing apparatus with independent air supply.
Protective suit

Additional information

Cool containers at risk with water spray jet.
Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

6. Accidental release measures

Personal precautions

Avoid contact with skin, eyes and clothing.
Ensure adequate ventilation.
Use personal protective clothing.

Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

Methods for cleaning up/taking up

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder).
Shovel into suitable container for disposal.

7. Handling and storage

7.1 Handling

Advice on safe handling

Keep containers dry and tightly closed to avoid moisture absorption and contamination.

Advice on protection against fire and explosion

No special protective measures against fire required.

7.2 Storage

Requirements for storage rooms and vessels

Store in a cool and shaded area.

Safety Data Sheet according to 91/155/EEC

European Nail Factory

Revision date : 17.01.2006

Revision no. : 1,00

TIP GLUE

00642-0038

Advice on storage compatibility

Incompatible with:

Oxidizing agents, Bases, Water, amines, alcohols

Further information on storage conditions

Keep away from food, drink and animal feeding stuffs.

Storageclass (VCI) : 3 B

8. Exposure controls/personal protection

8.1 Exposure limit values

Exposure limits (EH40)

CAS No.	Substance	ml/m ³	mg/m ³	F/ml	Category	Origin
7085-85-0	Ethyl cyanoacrylate	-	-		TWA (8 h)	WEL
	Ethyl cyanoacrylate	0.3	1.5		STEL (15 min)	WEL
123-31-9	Hydroquinone	-	0,5		TWA (8 h)	WEL
	Hydroquinone	-	-		STEL (15 min)	WEL

8.2 Exposure controls

Protective and hygiene measures

Do not inhale vapours.

Wash hands before breaks and immediately after handling the product.

When using, do not eat, drink or smoke.

Avoid contact with skin, eyes and clothing.

Take off immediately all contaminated clothing.

Respiratory protection

No personal respiratory protective equipment normally required.

In case of insufficient ventilation wear suitable respiratory equipment (gas filter type A).

Hand protection

Protective gloves resistant to chemicals made off butyl, Minimum coat thickness 0,7 mm, Permeation resistance (wear duration) > 60 minutes, i.e. protective glove <Butoject 898> made by www.kcl.de.

This recommendation refers exclusively to the chemical compatibility and the lab test conforming to EN 374 carried out under lab conditions.

Requirements can vary as a function of the use. Therefore it is necessary to adhere additionally to the recommendations given by the manufacturer of protective gloves.

Eye protection

Eye wash bottle with pure water.

Tightly fitting goggles

Skin protection

Long sleeved clothing.

9. Physical and chemical properties

9.1 General information

Physical state : Liquid

Colour : Clear

Odour : Acrid

9.2 Important health, safety and environmental information

Test method

Changes in the physical state

Safety Data Sheet according to 91/155/EEC

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Revision date : 17.01.2006

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TIP GLUE

00642-0038

Flash point : > 70 °C

Flammability

Lower explosion limits : n.d.

Ignition temperature : n.d.

Density (at 20 °C) : 1,06 g/cm³

Water solubility : Reacts with water
at (20 °C)

10. Stability and reactivity

Conditions to avoid

To avoid thermal decomposition, do not overheat.

Product is sensitive to light and moisture.

Materials to avoid

Bases, Oxidizing agents., Water, amines, alcohols

Hazardous decomposition products

Carbon monoxide (CO), carbon dioxide (CO₂) and nitrogen oxides (NO_x)

Additional information

No decomposition if stored and applied as directed.

11. Toxicological information

Empirical data on effects on humans

Irritating to eyes, respiratory system and skin.

Bonds skin and eyes in seconds.

May cause sensitization of susceptible persons by inhalation.

May cause sensitization of susceptible persons by skin contact.

12. Ecological information

Additional information

Do not flush into surface water or sanitary sewer system.

Slightly water hazardous.

13. Disposal considerations

Advice on disposal

Where possible recycling is preferred to disposal.

Can be incinerated, when in compliance with local regulations.

Waste disposal number of waste from residues/unused products :

070604 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; other organic solvents, washing liquids and mother liquors
Classified as hazardous waste.

Contaminated packaging

Empty containers should be taken for local recycling, recovery or waste disposal.

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.

Packaging that cannot be cleaned should be disposed of like the product.

Safety Data Sheet according to 91/155/EEC

European Nail Factory

Revision date : 17.01.2006

Revision no. : 1,00

TIP GLUE

00642-0038

14. Transport information

Land transport (ADR/RID)

Inland waterways transport

Marine transport

Air transport

Futher Information

No hazardous material as defined by the transport regulations.

15. Regulatory information

15.1 Labelling

Indication of danger : Xi - Irritant

Labelling according to EC-guidelines : According to the EC hazardous substance regulations in compliance with the EC cosmetic product regulations this product must not be labelled as a hazardous substance.

According to ruling EC Directives the product must be labelled as hazardous substance as follows:

R phrases :

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

S phrases :

23 Do not breathe Vapour.

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

35 This material and its container must be disposed of in a safe way.

24/25 Avoid contact with skin and eyes.

Special labelling for certain preparations

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

Contains 1,4-dihydroxybenzene. May produce an allergic reaction.

15.2 National regulations

Water contaminating class : 1 - slightly water contaminating

1999/13/EC (VOC) : 0 %

16. Other information

List of relevant R phrases

22 Harmful if swallowed.

41 Risk of serious damage to eyes.

43 May cause sensitization by skin contact.

50 Very toxic to aquatic organisms.

68 Possible risks of irreversible effects.

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

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Other data

Data of items 4 to 8, as well as 10 to 12, do partly not refer to the use and the regular employing of the product (in this sense consult information on use and on product), but to liberation of major amounts in case of accidents and irregularities.

The information describes exclusively the safety requirements for the product (s) and is based on the present level of our knowledge.

The delivery specifications are contained in the corresponding product sheet.

This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.

"(n.a. = not applicable; n.d. = not determined)"

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)