

Safety Data Sheet according to 91/155/EEC

European Nail Factory
Revision date : 17.01.2006

Revision no. : 1,00

UV GEL QUICK FINISH

00642-0025

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

1.1 Identification of the substance or preparation

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Use of the substance/preparation

Cosmetic

1.2 Company/undertaking identification

European Nail Factory

In der Salzheck 7

D-56332 Dieblich

Telephone : ++49 (0) 26 07-96 60-0

Telefax : ++49 (0) 26 07-96 60-29

Contact person :

Internet: www.europeannailfactory.com

Inquiry office :

Emergency telephone : ++49 (0) 2607 / 96600 European Nail Factory GmbH, available during open hours

2. Composition/information on ingredients

Chemical characterization (preparation)

Preparation in organic solvents

Hazardous components

EC-No.	CAS-No.	Chemical name	Quantity	Classification
203-653-1	109-17-1	3,6,9-trioxaundecamethylene dimethacrylate	15 - 20 %	Xi R36/37/38-43
202-597-5	97-63-2	ethyl methacrylate	5 - 10 %	F, Xi R11-36/37/38-43
213-426-9	947-19-3	Hydroxycyclohexyl phenyl ketone	1 - 3 %	Xi R36

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

3. Hazards identification

Classification

Symbols : Irritant

R-phrases :

Flammable.

Irritating to eyes, respiratory system and skin.

May cause sensitization by skin contact.

4. First aid measures

General information

Remove contaminated soaked clothing immediately.

If you feel unwell, seek medical advice.

After inhalation

Move to fresh air in case of accidental inhalation of vapours or decomposition products.

Refer for medical treatment.

If patient is not breathing, apply artificial respiration.

After contact with skin

Wash off with soap and plenty of water.

Consult a doctor if skin irritation persists.

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After contact with eyes

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Seek medical treatment by eye specialist.

After ingestion

Rinse mouth.
Never give anything by mouth to an unconscious person.
Summon a doctor immediately.
Induce vomiting only upon the advice of a physician.

5. Fire-fighting measures

Suitable extinguishing media

Alcohol-resistant foam, dry chemical, carbon dioxide (CO₂), 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 and carbon dioxide.

Special protective equipment for fire-fighters

Use breathing apparatus with independent air supply.
Protective suit

Additional information

Backfire at a long distance is possible.
Vapours are heavier than air and spread along ground.
The vapour/air mixture is explosive, even in empty, uncleaned receptacles.
Cool containers at risk with water spray jet.
Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.
Heating will cause pressure rise with risk of bursting.

6. Accidental release measures

Personal precautions

In case of vapour formation use respirator.
Do not smoke.
Ensure adequate ventilation.
Use personal protective clothing.
Keep away sources of ignition.

Environmental precautions

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

Methods for cleaning up/taking up

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder).
Take up mechanically and collect in suitable container for disposal.

Additional information

Clean contaminated surface thoroughly.

7. Handling and storage

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7.1 Handling

Advice on safe handling

Keep container tightly closed.

Do not breathe vapours.

Use only in thoroughly ventilated areas.

Avoid contact with skin, eyes and clothing.

Advice on protection against fire and explosion

Keep away from heat and sources of ignition.

Do not smoke.

Take measures against electrostatically charging.

Use only explosion-proof equipment.

7.2 Storage

Requirements for storage rooms and vessels

Keep container tightly closed.

Keep container tightly closed in a dry, cool and well-ventilated place.

Pay attention to anti-explosion rules.

Protect against direct sun radiation.

Advice on storage compatibility

Incompatible with:

Peroxides, Amines, Strong oxidizing agents, reducing agents.

Further information on storage conditions

Keep away from food, drink and animal feeding stuffs.

Storageclass (VCI) : 3 A

8. Exposure controls/personal protection

8.1 Exposure limit values

8.2 Exposure controls

Occupational exposure controls

Ensure adequate ventilation, especially in confined areas.

Protective and hygiene measures

Do not inhale vapours.

Avoid contact with eyes and skin.

Wash hands before breaks and immediately after handling the product.

When using, do not eat, drink or smoke.

Take off immediately all contaminated clothing.

Respiratory protection

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

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Skin protection

Long sleeved clothing.

9. Physical and chemical properties

9.1 General information

Physical state : Viscous liquid
Colour : Clear
Odour : Like acrylate

9.2 Important health, safety and environmental information

Test method

Changes in the physical state

Flash point : 43 °C

Flammability

Lower explosion limits : n. d.

Upper explosion limits :

Ignition temperature : n. d.

Density (at 20 °C) : 1,15 g/cm³

Water solubility : Immiscible
at (20 °C)

10. Stability and reactivity

Conditions to avoid

Vapour/air mixtures are explosive at intensive warming.
Heating can release vapours which can be ignited.

Materials to avoid

Peroxides, Amines, Strong oxidizing agents, reducing agents.

Hazardous decomposition products

Carbon monoxide and carbon dioxide.

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.

May cause sensitization by skin contact.

Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

Concentration above the admissible concentration at the workplace may cause dizziness, headache and inebriation.

12. Ecological information

Additional information

Do not flush into surface water or sanitary sewer system.

Slightly water hazardous.

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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.

14. Transport information**Land transport (ADR/RID)**

ADR/RID class : 3
Hazard-no. : 30
UN number : 1266
Hazard label : 3
ADR/RID packing group : III

Description of the goods

Perfumery products

Remarks (land transport)

LQ 7: combination packaging: 5 l / 30 kg (total gross mass); trays: 5 l / 20 kg (total gross mass).

Inland waterways transport**Marine transport**

IMDG code : 3
UN number : 1266
Marine pollutant : No
EmS : F-E, S-D
IMDG packing group : III
Hazard label : 3

Description of the goods

PERFUMERY PRODUCTS

Remarks (marine transport)

Limited quantities (section 3.4): combination packaging: 5 l / 30 kg (total gross mass); trays: 5 l / 20 kg (total gross mass).

Air transport

ICAO/IATA-DGR : 3
UN/ID number : 1266
Hazard label : 3
IATA-packing instructions - Passenger : 309
IATA-max. quantity - Passenger : 60 L
IATA-packing instructions - Cargo : 310
IATA-max. quantity - Cargo : 220 L

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ICAO packing group : III

Description of the goods
PERFUMERY PRODUCTS

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:

Hazardous component(s) to be indicated on label

ethyl methacrylate
3,6,9-trioxaundecamethylene dimethacrylate

R phrases :

10 Flammable.
43 May cause sensitization by skin contact.
36/37/38 Irritating to eyes, respiratory system and skin.

S phrases :

09 Keep container in a well-ventilated place.
16 Keep away from sources of ignition - No smoking.
24 Avoid contact with skin.
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
29 Do not empty into drains.
33 Take precautionary measures against static discharges.
35 This material and its container must be disposed of in a safe way.
37 Wear suitable gloves.

15.2 National regulations

Employment restrictions : Observe employment restrictions for young people.; Observe employment restrictions for child bearing mothers and nursing.

Water contaminating class : 1 - slightly water contaminating

1999/13/EC (VOC) : < 10 %

16. Other information

List of relevant R phrases

10 Flammable.
11 Highly flammable.
36 Irritating to eyes.
43 May cause sensitization by skin contact.
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.)