

# Safety Data Sheet according to Regulation (EU) No. 1907/2006

European Nail Factory

Revision date : 06.09.2007

Revision no. : 1,00

**G4C French Gel, soft pink**

00642-0053

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

### Identification of the substance or preparation

G4C French Gel, soft pink

**Art.-No.:**

16-660015

### Use of the substance/preparation

Cosmetic

### Company/undertaking identification

European Nail Factory

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## 2. Hazards identification

### **Classification**

Indications of danger : Irritant, Dangerous for the environment

R-phrases :

Irritating to eyes, respiratory system and skin.

May cause sensitization by skin contact.

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

## 3. Composition/information on ingredients

### **Chemical characterization** ( preparation )

Preparation based on polyurethane acrylate oligomer

### **Hazardous components**

EC-No.	CAS-No.	Chemical name	Quantity	Classification
221-950-4	3290-92-4	aliphatic urethan acrylate oligomer	< 60 %	Xi R36/37/38
256-032-2	42978-66-5	Propylidynetrimethyl trimethacrylate	< 25 %	N R51-53
213-426-9	947-19-3	(1-methyl-1,2-ethanediy)bis[oxy(methyl-2,1-ethanediy)] diacrylate	< 20 %	Xi, N R36/37/38-43-51-53
		Hydroxycyclohexyl phenyl ketone	< 5 %	Xi R36

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

## 4. First aid measures

### **General information**

Remove contaminated soaked clothing immediately.

Call a physician immediately.

## Safety Data Sheet according to Regulation (EU) No. 1907/2006

European Nail Factory

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### **After inhalation**

Move to fresh air in case of accidental inhalation of vapours or decomposition products.  
In the event of persistent symptoms receive medical treatment.

### **After contact with skin**

Wash off immediately with soap and plenty of water.  
Consult a doctor if skin irritation persists.

### **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**

Do not induce vomiting.  
Rinse out mouth and give plenty of water to drink.  
Never give anything by mouth to an unconscious person.  
Summon a doctor immediately.

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## **5. Fire-fighting measures**

### **Suitable extinguishing media**

Foam, carbon dioxide (CO<sub>2</sub>), 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 (CO<sub>2</sub>) and nitrogen oxides (NO<sub>x</sub>).

### **Special protective equipment for fire-fighters**

In case of fire, wear suitable respiratory equipment with positive 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.

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## **6. Accidental release measures**

### **Personal precautions**

Use personal protective clothing.

Ensure adequate ventilation.

### **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.

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## **7. Handling and storage**

### **Handling**

#### **Advice on safe handling**

## Safety Data Sheet according to Regulation (EU) No. 1907/2006

European Nail Factory

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---

Keep container tightly closed.  
Handle and open container with care.  
Avoid contact with skin, eyes and clothing.  
Ensure adequate ventilation, especially in confined areas.

### **Advice on protection against fire and explosion**

No special protective measures against fire required.

### **Storage**

#### **Requirements for storage rooms and vessels**

Keep container tightly closed in a dry, cool and well-ventilated place.  
Keep at temperatures between 5°C and 40°C.  
Protect from light. Keep away from heat.

#### **Further information on storage conditions**

Keep away from food, drink and animal feeding stuffs.

**Storageclass (VCI)** 10

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## **8. Exposure controls/personal protection**

### **Exposure limit values**

### **Exposure controls**

#### **Occupational exposure controls**

Ensure adequate ventilation, especially in confined areas.

#### **Protective and hygiene measures**

Wash hands before breaks and immediately after handling the product.  
Avoid contact with skin, eyes and clothing.  
Do not inhale vapours.  
When using, do not eat, drink or smoke.  
Remove and wash contaminated clothes before re-use.

#### **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) approx. 480 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**

Tightly fitting goggles  
Eye wash bottle with pure water.

#### **Skin protection**

Long sleeved clothing.

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## **9. Physical and chemical properties**

### **General information**

Physical state	Viscous
Colour	Pink
Odour	Like acrylate

**Safety Data Sheet according to Regulation (EU) No. 1907/2006**

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**Important health, safety and environmental information**

Test method

**Changes in the physical state**

Flash point > 100 °C

**Flammability**

Lower explosion limits n. d.

Ignition temperature n. d.

Density (at 20 °C) : 1,1 g/cm<sup>3</sup>

Water solubility : Immiscible  
at (20 °C)

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**10. Stability and reactivity**

**Conditions to avoid**

To avoid thermal decomposition, do not overheat.

**Materials to avoid**

Oxidizing agents., Peroxides, copper and copper alloys

Strong bases.

**Hazardous decomposition products**

Carbon monoxide (CO), carbon dioxide (CO<sub>2</sub>) and nitrogen oxides (NO<sub>x</sub>)

**Additional information**

No decomposition if stored and applied as directed.

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**11. Toxicological information**

**Empirical data on effects on humans**

Irritating to eyes, respiratory system and skin.

May cause sensitization by skin contact.

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**12. Ecological information**

**Further information**

Do not flush into surface water or sanitary sewer system.

Hazard to waters

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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**13. Disposal considerations**

**Advice on disposal**

Can be landfilled after chemical and physical treatment, when in compliance with local regulations.

Where possible recycling is preferred to disposal.

**Waste disposal number of waste from residues/unused products**

070601 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; aqueous washing liquids and mother liquors

Classified as hazardous waste.

**Contaminated packaging**

**Safety Data Sheet according to Regulation (EU) No. 1907/2006**

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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	9
Classification code :	M6
Hazard-no.	90
UN number	3082
Hazard label	9
ADR/RID packing group	III
Limited quantity :	LQ 7

**Description of the goods**

Environmentally hazardous substance, liquid, n.o.s. (Propylidynetrimethyl trimethacrylate, (1-methyl-1,2-ethanediyl)bis[oxy(methyl-2,1-ethanediyl)] diacrylate)

**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	9
UN number	3082
Marine pollutant	No
EmS	F-A; S-F
Limited quantity :	5 L / 30 kg
IMDG packing group	III
Hazard label	9

**Description of the goods**

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (propylidynetrimethyl trimethacrylate, (1-methyl-1,2-ethanediyl)bis[oxy(methyl-2,1-ethanediyl)]diacrylate)

**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	9
UN/ID number	3082
Hazard label	9
IATA-packing instructions - Passenger	914
IATA-max. quantity - Passenger	450 L
IATA-packing instructions - Cargo	914
IATA-max. quantity - Cargo	450 L
ICAO packing group	III
Limited quantity Passenger	Y914 / 30 kg

**Description of the goods**

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (propylidynetrimethyl trimethacrylate, (1-methyl-1,2-ethanediyl)bis[oxy(methyl-2,1-ethanediyl)]diacrylate, mixture)

