

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

European Nail Factory

Revision date : 23.04.2008

Revision no. : 1,00

G4C French Gel, snow white

00642-0071

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

Identification of the substance or preparation

G4C French Gel, snow white

Art.-No.:

16-650015

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	< 15 %	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.

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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.

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 arising 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

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.

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.

7. Handling and storage

Handling

Advice on safe handling

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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**8. Exposure controls/personal protection****Exposure limit values****Exposure limits (EH40)**

CAS-No.	Chemical name	ml/m ³	mg/m ³	F/ml	Category	Origin
13463-67-7	Titanium dioxide, respirable	-	4		TWA (8 h)	WEL
	Titanium dioxide, respirable	-	-		STEL (15 min)	WEL

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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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

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)

Other applicable information (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)

Other applicable information (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

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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)

15. Regulatory information**Labelling**

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:

Indication of danger

Xi - Irritant; N - Dangerous for the environment

Hazardous component(s) to be indicated on label

(1-methyl-1,2-ethanediyl)bis[oxy(methyl-2,1-ethanediyl)] diacrylate

R phrases

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

43 May cause sensitization by skin contact.

51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S phrases

24 Avoid contact with skin.

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

37 Wear suitable gloves.

61 Avoid release to the environment. Refer to special instructions / Safety data sheets.

National regulatory information

Employment restrictions

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

Water contaminating class (D)

2 - water contaminating

1999/13/EC (VOC)

0 %

16. Other information**Full text of R-phrases referred to under sections 2 and 3**

36 Irritating to eyes.

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

43 May cause sensitization by skin contact.

51 Toxic to aquatic organisms.

51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

53 May cause long-term adverse effects in the aquatic environment.

Further Information

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)"

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