

Safety Data Sheet

according to Regulation (EC) No 1907/2006

SUPER COLOR

Print date: 08.05.2014

Product code: GSC

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SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

SUPER COLOR - GSC

Further trade names

This safety data sheet is a collective data sheet and comprises several products with different shades and different packaging sizes.

1.2. Relevant identified uses of the substance or mixture and uses advised against**Use of the substance/mixture**

professional use.
Nail polish and gels

Uses advised against

none/none

1.3. Details of the supplier of the safety data sheet

Company name: BEAUTY SPACE NAILS
 Street: v. gaetano pulvirenti, 9
 Place: 95047 – PATERNO' (CT)
 Telephone: +39 095524102
 e-mail: info@beautyspacenails.com
 Internet: www.beautyspacenails.com
 Responsible Department: BEAUTY SPACE NAILS s.r.l.
 V. Gaetano Pulvirenti, 9
 95047-PATERNO'(CT)
 ITALY
 TEL. +39 095524102
 TEL. +39 3343688459
info@beautyspacenails.com

1.4. Emergency telephone**number:** TEL. +39 095524102 (9:00-16:00 Mo-Fr.)**Further Information**

INCI.:

URETHANE ACRYLATE (>50%); DI-HEMA TRIMETHYLHEXYL DICARBAMATE (>25-<=50%);
 HEMA(>10-<=25%); BISTRIMETHYLBENZOYL PHENYLPHOSPHINE OXIDE (>1-<=5%);
 1-HYDROXYCYCLOHEXYL PHENYL KETONE (>1-<=5%); SILICA Silylate (>1-<=5%);
 ETHYLPHENYL TRIMETHYLBENZOYL PHOSPHINATE (>0.1-<=1%); P-HYDROXYANISOLE
 (<=0.1%); CI 11680 (<=5%); CI 12085 (<=5%); CI 15850:1 (<=5%); CI 15850:2 (<=5%); CI 15880
 (<=5%); CI 16035:1 (<=5%); CI 19140 (<=5%); CI 21108 (<=5%); CI 26100 (<=5%); CI 42090
 (<=5%);
 CI 45350 (<=5%); CI 45380 (<=5%); CI 45380:2 (<=5%); CI 45410 (<=5%); CI 47005:1 (<=5%); CI
 51319 (<=5%); CI 60730 (<=5%); CI 73360 (<=5%); CI 73915 (<=5%); CI 74160 (<=5%); CI 74260
 (<=5%); CI 75470 (<=5%); CI 77002 (<=5%); CI 77007 (<=5%); CI 77163 (<=5%); CI 77266 (<=5%);
 CI 77288 (<=5%); CI 77289 (<=5%); CI 77491 (<=5%); CI 77492 (<=5%); CI 77499 (<=5%); CI 77510
 (<=5%); CI 77742 (<=5%); CI 77891 (<=5%)

The products contain maximum 5% pigments as a single pigment or as a combination of two or more pigments.

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SECTION 2: Hazards identification**2.1. Classification of the substance or mixture**

Indications of danger: Xi - Irritant

R phrases:

May cause sensitisation by skin contact.

GHS classification

Hazard categories:

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Skin corrosion/irritation: Skin Irrit. 2

Serious eye damage/eye irritation: Eye Irrit. 2

Respiratory/skin sensitization: Skin Sens. 1

Hazard Statements:

Causes skin irritation.

May cause an allergic skin reaction.

Causes serious eye irritation.

2.2. Label elements**Hazardous components which must be listed on the label**

7,7,9(or 7,9,9)-trimethyl-4,13-dioxo-3,14-dioxo-5,12-diazaheptadecane-1,16-diyl bismethacrylate 2-hydroxyethyl methacrylate

Signal word: Warning Pictograms: GHS07

**Hazard statements**

H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.

Precautionary statements

P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P501	Dispose of contents/container to in accordance with official regulations .

Special labelling of certain mixtures

EUH204	Contains isocyanates. May produce an allergic reaction.
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2.3. Other hazards

No information available.

SECTION 3: Composition/information on ingredients**3.2. Mixtures**

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Hazardous components

EC No	Chemical name	Quantity
CAS No	Classification	
Index No	GHS classification	
REACH No		
276-957-5	7,7,9(or 7,9,9)-trimethyl-4,13-dioxo-3,14-dioxa-5,12-diazahexadecane-1,16-diyl bismethacrylate	25 - < 30 %
72869-86-4	R43	
	Skin Sens. 1; H317	
212-782-2	2-hydroxyethyl methacrylate	10 - < 15 %
868-77-9	Xi - Irritant R36/38-43	
607-124-00-X	Eye Irrit. 2, Skin Irrit. 2, Skin Sens. 1; H319 H315 H317	
239-138-3	2-(3,6-dihydroxy-2,4,5,7-tetrabromoxanthen-9-yl)-benzoic acid	<5 %
15086-94-9	Xn - Harmful R22	
	Acute Tox. 4; H302	
01-2120009262-71		
242-355-6	3,4,5,6-tetrachloro-2-(1,4,5,8-tetrabromo-6-hydroxy-3-oxoxanthen-9-yl)benzoic acid	<5 %
18472-87-2	Xn - Harmful R48	
	STOT RE 2; H373	
241-409-6	Eosin Y	<5 %
17372-87-1	Xi - Irritant R36	
	Eye Irrit. 2; H319	
282-810-6	Ethylphenyl(2,4,6-trimethylbenzoyl)phosphinate	1 - < 5 %
84434-11-7	R52-53	
	Aquatic Chronic 3; H412	
01-2119987994-10		
423-340-5	phenyl bis(2,4,6-trimethylbenzoyl)-phosphine oxide	< 1 %
162881-26-7	R43-53	
015-189-00-5	Skin Sens. 1, Aquatic Chronic 4; H317 H413	

Full text of R and H phrases: see Section 16.

Further Information phenyl bis(2,4,6-trimethylbenzoyl)-phosphine oxide: REACH-no.: 01-2119489401-38
 2-hydroxyethyl methacrylate: REACH-no.: 01-2119490169-29
 Product does not contain SVHC substances and no listed PBT substances.

SECTION 4: First aid measures

4.1. Description of first aid measures

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General information

In case of accident or if you feel unwell, seek medical advice immediately (show safety data sheet if possible).

After inhalation

In case of accident by inhalation: remove casualty to fresh air and keep at rest. In case of allergic symptoms especially in the breathing area, seek medical advice immediately.

After contact with skin

After contact with skin, wash immediately with: Water and soap. Change contaminated clothing. In case of skin irritation, seek medical treatment.

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After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water. In case of troubles or persistent symptoms, consult an ophthalmologist.

After ingestion

Do not induce vomiting. Rinse mouth thoroughly with water. Let water be swallowed in little sips (dilution effect). Never give anything by mouth to an unconscious person or a person with cramps. In case of troubles or persistent symptoms, consult an ophthalmologist.

4.2. Most important symptoms and effects, both acute and delayed

No information available.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Foam. Carbon dioxide. Extinguishing powder. Water spray.

Unsuitable extinguishing media

High power water jet.

5.2. Special hazards arising from the substance or mixture

Can be released in case of fire: Carbon monoxide. Carbon dioxide (CO₂). Nitrogen oxides (NO_x). Isocyanates.

5.3. Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Wear a self-contained breathing apparatus and chemical resistant suit.

Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water. Extinguishing materials should be selected according to the surrounding area.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

See protective measures under point 7 and 8.
Provide adequate ventilation.
Do not breathe dust.

6.2. Environmental precautions

Do not empty into drains or the aquatic environment.

6.3. Methods and material for containment and cleaning up

Collect mechanically.

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Treat the assimilated material according to the section on waste disposal.

Clear contaminated area thoroughly.

6.4. Reference to other sections

See protective measures under point 7 and 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Wear suitable protective clothing. (Refer to chapter 8.)

Advice on protection against fire and explosion

Usual measures for fire prevention.

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Further information on handling

Avoid contact with skin, eye and clothing.

7.2. Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

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

Advice on storage compatibilityDo not store together with: Explosives. Radioactive substances. Infectious substances. Oxidizing solids.
Oxidizing liquids.**Further information on storage conditions**Protect against: Light. UV-radiation/sunlight. heat. cooling moisture.
Keep/Store only in original container. storage temperature: 5 -30 °C**SECTION 8: Exposure controls/personal protection**

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8.1. Control parameters

Additional advice on limit values

Does not contain substances above concentration limits fixing an occupational exposure limit.

8.2. Exposure controls

Appropriate engineering controls

In case of open handling, use devices with built-in suction where possible. If suction of the immediate vicinity is impossible or insufficient, adequate airing of the working place must be ensured.

Protective and hygiene measures

Always close containers tightly after the removal of product. Do not eat, drink, smoke or sneeze at the workplace. Wash hands before breaks and at the end of work. Remove contaminated clothing immediately and dispose off safely. Wash contaminated clothing prior to re-use. Used working clothes should not be used outside the work area. Street clothing should be stored separately from work clothing.

Eye/face protection

Suitable eye protection: Tightly sealed safety glasses. DIN EN 166

Hand protection

Pull-over gloves of rubber. DIN EN 374 Suitable material:

(penetration time (maximum wearing period): \geq 8h)

Butyl rubber. (0,5 mm)

FKM (fluororubber). (0,4 mm)

CR (polychloroprenes, Chloroprene rubber). (0,5 mm)

Before using check leak tightness / impermeability. In case of reutilization, clean gloves before taking off and store in well-aired place.

Skin protection

Suitable protection of the body: Lab apron.

Respiratory protection

With correct and proper use, and under normal conditions, breathing protection is not required.

Respiratory protection required in case of:

Generation/formation of dust

Suitable respiratory protective equipment:

Combination filter device (DIN EN 141).. Type :A/P2-3

The filter class must be suitable for the maximum contaminant concentration

(gas/vapour/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, closed-circuit breathing apparatus must be used!

Environmental exposure controls

Do not allow uncontrolled leakage of product into the environment.

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	viscous
Colour:	N/A
Odour:	odourless

Test method

pH-Value:	n/a
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Changes in the physical state

Melting point:	not determined
Initial boiling point and boiling range:	not determined
Flash point:	not determined
Lower explosion limits:	not determined
Upper explosion limits:	not determined
Ignition temperature:	not determined
Vapour pressure:	not determined
Density:	not determined
Water solubility:	practically insoluble
Viscosity / dynamic:	not determined
Solvent content:	No information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

No information available.

10.2. Chemical stability

Stable under normal storage and handling conditions.

10.3. Possibility of hazardous reactions

No information available.

10.4. Conditions to avoid

Protect against: Light. UV-radiation/sunlight. heat. coolir moisture.

10.5. Incompatible materials

Materials to avoid: Strong acid. Oxidizing agents, strong Reducing agents, strong. Peroxides.

10.6. Hazardous decomposition products

Can be released in case of fire: Carbon monoxide. Carb (NOx). Isocyanates.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicokinetics, metabolism and distribution

No data available **Acute toxicity**

Based on available data, the classification criteria are not met.

Acute toxicity

CAS No	Chemical name				
	Exposure routes	Method	Dose	Species	Source
72869-86-4	7,7,9(or 7,9,9)-trimethyl-4,13-dioxo-3,14-dioxo-5,12-diazahexadecane-1,16-diyl bismethacrylate				
	oral	LD50 mg/kg	>5000	Rat.	ECHA dossier

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868-77-9	2-hydroxyethyl methacrylate			
	oral	LD50	5050 mg/kg	Rat.
15086-94-9	2-(3,6-dihydroxy-2,4,5,7-tetrabromo (anthen-9-yl) benzoic acid			
	oral	ATE	500 mg/kg	
17372-87-1	Eosin Y			
	oral	LD50	2344 mg/kg	Mouse.
84434-11-7	Ethylphenyl(2,4,6-trimethylbenzoyl) phosphinate			
	oral	LD50 mg/kg	> 5000	Rat.
	dermal	LD50 mg/kg	> 2000	Rat. ECHA dossier
162881-26-7	phenyl bis(2,4,6-trimethylbenzoyl)-phosphine oxide			
	oral	LD50 mg/kg	>2000	Rat. ECHA dossier
	dermal	LD50 mg/kg	>2000	Rat. ECHA dossier

Irritation and corrosivity

Causes skin irritation.

Causes serious eye irritation.

Sensitising effects

May cause an allergic skin reaction. (7,7,9(or 7,9,9)-trimethyl-4,13-dioxo-3,14-dioxo-5,12-diazahexadecane-1,16-diyl bismethacrylate), (2-hydroxyethyl methacrylate), (phenyl bis(2,4,6-trimethylbenzoyl)-phosphine oxide) Respiratory or skin sensitisation:

People who suffer from skins problems, asthma, allergies, chronic or recurring respiratory illnesses must not be deployed in processes, which use this substance.

STOT-single exposure

Based on available data, the classification criteria are not met.

Severe effects after repeated or prolonged exposure

Based on available data, the classification criteria are not met. Ethylphenyl(2,4,6-trimethylbenzoyl)phosphinate:
Subacute oral toxicity NOAEL = 500 mg/kg (Rat.) phenyl bis(2,4,6-trimethylbenzoyl)-phosphine oxide: Subchronic oral toxicity: NOEL = 300 mg/Kg (Rat.) 2-hydroxyethyl methacrylate:
Subchronic oral toxicity: NOAEL = 30 mg/Kg (90d, Rat.)

Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met. Ethylphenyl(2,4,6-trimethylbenzoyl)phosphinate:
No experimental indications of mutagenicity in-vitro exist. 2-hydroxyethyl methacrylate:

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No experimental indications of mutagenicity in-vitro exist.
 OECD Guideline 471 (Bacterial Reverse Mutation Assay) = negative.

Aspiration hazard

Based on available data, the classification criteria are not met.

Specific effects in experiment on an animal

No data available

SECTION 12: Ecological information

12.1. Toxicity

CAS No	Chemical name					
	Aquatic toxicity	Method	Dose	[h] [d]	Species	Source
72869-86-4	7,7,9(or 7,9,9)-trimethyl-4,13-dioxo-3,14-dioxa-5,12-diazahexadecane-1,16-diyl bismethacrylate					
	Acute crustacea toxicity	EC50	1,2 mg/l	48 h	daphnia magna	Echa Dossier
868-77-9	2-hydroxyethyl methacrylate					
	Acute fish toxicity	LC50	227 mg/l	96 h	Pimephales promelas	
84434-11-7	Ethylphenyl(2,4,6-trimethylbenzoyl)phosphinate					
	Acute crustacea toxicity	EC50	10-100 mg/l	48 h	Daphnia magna	

12.2. Persistence and degradability

CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
72869-86-4	7,7,9(or 7,9,9)-trimethyl-4,13-dioxo-3,14-dioxa-5,12-diazahexadecane-1,16-diyl bismethacrylate			
	OECD Guideline 301 B	22	28	
	Product is not easily biodegradable.			
868-77-9	2-hydroxyethyl methacrylate			
	OECD 301C / ISO 9408 / EWG 92/69 Anhang V, C.4-F	>92%	14	
	Easily biodegradable (concerning to the criteria of the OECD)			
84434-11-7	Ethylphenyl(2,4,6-trimethylbenzoyl)phosphinate			
	OECD Guideline 301 F	<10	28	
	Not easily bio-degradable (according to OECD-criteria).			

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162881-26-7	phenyl bis(2,4,6-trimethylbenzoyl)-phosphine oxide		
	OECD Guideline 301 B	1	29
	Not easily bio-degradable (according to OECD-criteria).		

12.3. Bioaccumulative potential

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
72869-86-4	7,7,9(or 7,9,9)-trimethyl-4,13-dioxo-3,14-dioxa-5,12-diazahexadecane-1,16-diyl bismethacrylate	3,29
868-77-9	2-hydroxyethyl methacrylate	0,47
84434-11-7	Ethylphenyl(2,4,6-trimethylbenzoyl)phosphinate	2,91
162881-26-7	phenyl bis(2,4,6-trimethylbenzoyl)-phosphine oxide	5,8

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

12.6. Other adverse effects

No information available.

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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal

Consult the local waste disposal expert about waste disposal. Cleaned containers may be recycled.

Waste disposal number of waste from residues/unused products

080409 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU of adhesives and sealants (including waterproofing products); waste adhesives and sealants containing organic solvents or other dangerous substances Classified as hazardous waste.

Waste disposal number of used product

080409 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU of adhesives and sealants (including waterproofing products); waste adhesives and sealants containing organic solvents or other dangerous substances Classified as hazardous waste.

Waste disposal number of contaminated packaging

150110 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); packaging containing residues of or contaminated by dangerous substances Classified as hazardous waste.

Contaminated packaging

Handle contaminated packaging in the same way as the substance itself.

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SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number: Not restricted

Inland waterways transport (ADN)

14.1. UN number: Not restricted

Marine transport (IMDG)

14.1. UN number: Not restricted

Air transport (ICAO)

14.1. UN number: Not restricted

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

14.6. Special precautions for user

refer to chapter 6-8

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

irrelevant

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU regulatory information

1999/13/EC (VOC): No information available.

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The preparation is dangerous in the sense of Directive 1999/45/EC.

This preparation is hazardous in the sense of regulation (EC) No 1272/2008 [GHS].

Not subject to regulation 96/82/EC.

National regulatory information

Employment restrictions: Observe employment restrictions for young people

SECTION 16: Other information

Changes

Rev 1,00 Initial release 29.04.2014

Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the

International Carriage of Dangerous Goods by Road)

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations

Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organization

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

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GefStoffV: Gefahrstoffverordnung (Ordinance on Hazardous Substances, Germany)

LC50: Lethal concentration, 50 percent

LD50: Lethal dosis, 50 percent

NOAEL: No observed effect Level

DNEL: Derived No Effect Level

PNEC: predicted no effect concentration

Full text of R phrases referred to under Sections 2 and 3

- 22 Harmful if swallowed.
- 36 Irritating to eyes.
- 36/38 Irritating to eyes and skin.
- 43 May cause sensitisation by skin contact.
- 48 Danger of serious damage to health by prolonged exposure.
- 52 Harmful to aquatic organisms.
- 53 May cause long-term adverse effects in the aquatic environment.

Full text of H statements referred to under Sections 2 and 3

- H302 Harmful if swallowed.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation.
- H373 May cause damage to organs through prolonged or repeated exposure.
- H412 Harmful to aquatic life with long lasting effects.
- H413 May cause long lasting harmful effects to aquatic life.

Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

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