

Safety Data Sheet

Regulation (EC) No. 1907/2006, 1272/2008

Version No.: 1.0

Printing Date: July 11, 2022

Page 1/1

SDS REPORT

Jade UK
16 Upton Road Worthing West Sussex Bn13 1bu UK

SDS Report No. : SDS202206291505
Compilation Date : July 11, 2022
Trade Name : HEMA Free Color Builder Gel
Composition/Ingredient of The Sample : See Section 3 on the SDS
Service Requested : Safety Data Sheet (SDS) for the sample with submitted composition.
Summary : As per request, the contents and formats of the SDS are prepared in accordance with Regulation (EC) No 1907/2006, its amendment Regulation (EU) No 2020/878, (EC) No 1272/2008 and are provided per attached.

Signed for and on behalf of
REAL Technical Center:



REAL Testing & Certification Services Co.,Ltd.

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Safety Data Sheet

Regulation (EC) No. 1907/2006 and 1272/2008

Printing Date: July 11, 2022

Version No.: 1.0

Revision: July 11, 2022

Trade Name: HEMA Free Color Builder Gel

SECTION 1: Identification of the substance/mixture and of the company/undertaking

• **1.1 Product identifier**

• **Trade name:**

HEMA Free Color Builder Gel

• **Registration number:**

No available data.

• **UFI number:**

No available data.

• **Other means of identification:**

No available data.

• **1.2 Relevant identified uses of the substance or mixture and uses advised against on**

• **Application of the substance/ mixture:**

Consumer uses, nail beauty.

• **Uses advised against:**

No data available.

• **Reason why uses advised against:**

No data available.

• **1.3 Details of the supplier of the safety data sheet**

• **Manufacturer/Supplier:**

GUANGZHOU RONIKI BEAUTY SUPPLIES CO., LTD

ROOM310, THE TOP FLOOR, BUILDING NO.11, HONGFENG INDUSTRIAL PARK, GUANGZHOU CITY, CHINA 510420

Post code: 510420

Tel: +086 13825003019

Fax: +086 20-86388467

Email: manager.rnkgel@gzluoliqi.com

National contact: ZHIYONG WU

• **Only Representative/other EU contact point:**

No information available.

• **Further information obtainable from:**

GUANGZHOU RONIKI BEAUTY SUPPLIES CO., LTD

• **1.4 Emergency telephone number**

Tel: +086 13825003019

SECTION 2: Hazards identification

• **2.1 Classification of the substance or mixture**

• **2.1.1 Classification according to regulation (EC) 1272/2008:**

Regulation (EC) No 1272/2008 [CLP]	Classification procedure
Skin Sens. 1, H317	Calculation method
Eye Irrit. 2, H319	Calculation method
Aquatic Chronic 3, H412	Calculation method

• **2.1.2 Additional information:**

Safety Data Sheet

Regulation (EC) No. 1907/2006 and 1272/2008

Printing Date: July 11, 2022

Version No.: 1.0

Revision: July 11, 2022

Trade Name: HEMA Free Color Builder Gel

For full text of Hazard- and EU Hazard-statements: see SECTION 16.

2.2 Label elements

Labeling according to Regulation (EC) No 1272/2008:

The product is labelled according to CLP Regulation.

Hazard pictograms:



GHS07

Signal word:

Warning

Hazard-determining components of labelling:

Hydroxypropyl methacrylate; Trimethylbenzoyl diphenylphosphine oxide.

Hazard statements:

H317 May cause an allergic skin reaction

H319 Causes serious eye irritation

H412 Harmful to aquatic life with long lasting effects

Precautionary statement:

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P103 Read label before use.

P261 Avoid breathing vapours.

P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P302 + P352 IF ON SKIN: Wash with plenty of water and soap.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P501 Dispose of contents/container in accordance with local regulation.

Supplemental label elements:

Not applicable

2.3 Other hazards

None of the ingredients ($\geq 0.1\%$) meets the criteria for PBT/vPvB in accordance with Annex XIII.None of the ingredients ($\geq 0.1\%$) is identified as having endocrine disrupting properties according to Regulation (EU) 2017/2100.

SECTION 3: Composition/information on ingredients

3.1 Substance

Not applicable

3.2 Mixtures

Description of the mixture:

HEMA Free Color Builder Gel.

Ingredients:

Substance	CAS No.	Index No.	EC No.	w/w, %	CLP Classification	SCL/M-factor/ATE
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Safety Data Sheet

Regulation (EC) No. 1907/2006 and 1272/2008

Printing Date: July 11, 2022

Version No.: 1.0

Revision: July 11, 2022

Trade Name: HEMA Free Color Builder Gel

Acrylates copolymer	25035-69-2	-	-	70-80	None	-
Hydroxypropyl methacrylate	27813-02-1	-	248-666-3	10-20	Skin Sens. 1, H317 Eye Irrit. 2, H319	-
Silica	112945-52-5	-	-	1-5	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335	-
Trimethylbenzoyl diphenylphosphine oxide	75980-60-8	015-203-00-X	278-355-8	0.1-5	Skin Sens. 1B, H317 Repr. 2, H361f Aquatic Chronic 2, H411	Repr. 2, H361f: C ₂ ≥5%
CI 77499	1309-37-1	-	215-168-2	0-1	None	-
CI 77891	13463-67-7	-	236-675-5	0-1	None	-
CI 15850	5858-81-1	-	227-497-9	0-1	None	-
CI 19140	12225-21-7	-	235-428-9	0-1	None	-
CI 77510	25869-00-5	-	247-30-41	0-1	None	-

Additional information:

Full text of H-statements, see SECTION 16

SECTION 4: First aid measures**4.1 Description of first aid measures****General advice:**

If medical advice is needed, have product container or label at hand.

After inhalation:

Remove person to fresh air and keep comfortable for breathing.

Call a POISON CENTER/doctor, if you feel unwell.

After skin contact:

Rinse skin with water/ shower.

If skin irritation or rash occurs: Get medical advice/attention.

After eye contact:

Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do.

Continue rinsing.

If eye irritation persists: Get medical advice/attention.

After swallowing:

Wash mouth.

Do NOT induce vomiting.

Never give anything by mouth to an unconscious person.

Get medical attention if you feel unwell.

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

May cause an allergic skin reaction.

Causes serious eye irritation.

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

Safety Data Sheet

Regulation (EC) No. 1907/2006 and 1272/2008

Printing Date: July 11, 2022

Version No.: 1.0

Revision: July 11, 2022

Trade Name: HEMA Free Color Builder Gel

Treatment according to symptoms, no known specific medicine.

SECTION 5: Fire-fighting measures

5.1 Extinguishing media**Suitable extinguishing agents:**Use CO₂, chemical powder, water spray or alcohol resistant foam to extinguish.**Unsuitable extinguishing media:**

Water with full jet.

5.2 Special hazards arising from the substance or mixture:

May form irritant / allergic vapor/ mist.

5.3 Advice for firefighters**Protective equipment:**

Wear an approved positive pressure self-contained breathing apparatus (Comply with EN 133).

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures**6.1.1 For non-emergency personnel****Protective equipment:**

Protective gloves/ eye protection/ face protection/ dust mask.

Emergency procedures:

Ensure good ventilation.

Wear personal protective equipment.

Avoid breathing vapor.

Avoid contact with eyes and skin.

Avoid release to the environment.

6.1.2 For emergency responders**Personal protective equipment:**

Protective gloves/ eye protection/ face protection/ dust mask.

6.2 Environmental precautions:

Prevent further leakage or spillage if safe to do so.

Prevent spillage from entering drains, sewer, basement or confined areas.

If the spillage contaminates rivers, lakes or drains inform respective authorities.

6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Ensure good ventilation.

Dispose contaminated material as waste according to section 13.

6.4 Reference to other sections:

See section 7 for information on safe handling.

See section 8 for information on personal protection equipment.

Safety Data Sheet

Regulation (EC) No. 1907/2006 and 1272/2008

Printing Date: July 11, 2022

Version No.: 1.0

Revision: July 11, 2022

Trade Name: HEMA Free Color Builder Gel

See section 13 for disposal information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling:

Read label before use.

Use only in well ventilated areas.

Wear protective gloves /eye protection/face protection.

Avoid breathing vapors.

Use respiratory protective device against the effects of vapor.

Avoid contact with eyes and skin.

Avoid release to the environment.

Information about fire and explosion protection:

Normal measures for preventive fire protection.

7.2 Conditions for safe storage, including any non-compatibility

Requirements to be met by storerooms and receptacles:

Store in a well-ventilated place.

Keep cool.

Information about storage in one common storage facility:

Keep out of reach of children

Further information about storage conditions:

Store locked up.

Storage class:

12.

7.3 Specific end use(s):

See section 1.2.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

Country	Limit value - Eight hours	Limit value - Short term
13463-67-7 CI 77891		
Belgium	10 mg/m ³	-
Denmark	6 mg/m ³ Total dust	10 mg/m ³ Total dust
France	11 mg/m ³ Inhalable aerosol	-
Germany (DFG)	0.3 mg/m ³ Respirable fraction	2.4mg/m ³ Respirable fraction; 15 minutes average value
Ireland	10 mg/m ³ Inhalable fraction; 4 mg/m ³ Respirable fraction	-
Latvia	10 mg/m ³	-
Poland	10 mg/m ³	30 mg/m ³
Romania	10 mg/m ³	15 mg/m ³ 15 minutes average value
Spain	10 mg/m ³ Inhalable aerosol	-

Safety Data Sheet

Regulation (EC) No. 1907/2006 and 1272/2008

Printing Date: July 11, 2022

Version No.: 1.0

Revision: July 11, 2022

Trade Name: HEMA Free Color Builder Gel

Sweden	5 mg/m ³ Inhalable aerosol	-
United Kingdom	10 mg/m ³ Inhalable aerosol; 4 mg/m ³ Respirable aerosol	-

• DNELs:

DNEL type	DNEL worker value	DNEL consumer value
75980-60-8 Trimethylbenzoyl diphenylphosphine oxide		
Systemic Effects	Long-term, inhalation exposure	822 µg/m ³
	Long-term, dermal exposure	233 µg/kg bw/day
	Long-term, oral exposure	-
13463-67-7 CI 77891		
Local effects	Long-term, inhalation exposure	10 mg/m ³
Systemic effects	Long-term, oral exposure	-
		700 mg/kg bw/day

• PNECs:

PNEC type	Value
75980-60-8 Trimethylbenzoyl diphenylphosphine oxide	
Freshwater	1.4 µg/L
Intermittent releases (freshwater)	14 µg/L
Marine water	140 ng/L
Intermittent releases (marine water)	1.4 µg/L
Sediment (freshwater)	115 µg/kg sediment dw
Sediment (marine water)	11.5 µg/kg sediment dw
Soil	22.2 µg/kg soil dw
13463-67-7 CI 77891	
Freshwater	184 µg/L
Intermittent releases (freshwater)	193 µg/L
Marine water	18.4 µg/L
Sewage treatment plant (STP)	100 mg/L
Sediment (freshwater)	1000 mg/kg sediment dw
Sediment (marine water)	100 mg/kg sediment dw

• Additional information:

The lists valid during the marking were used as basis.

• 8.2 Exposure controls

• Based on the composition shown in section 3, the following measures are suggested for occupational safety measure.

• Appropriate engineering controls:

Handle in accordance with good industrial hygiene and safety practice.

See section 7 for information about design of technical facilities.

• Personal protective equipment

• Eye and face protection:



Safety glasses

Protective goggles with side-shields.

• Skin protection

Safety Data Sheet

Regulation (EC) No. 1907/2006 and 1272/2008

Printing Date: July 11, 2022

Version No.: 1.0

Revision: July 11, 2022

Trade Name: HEMA Free Color Builder Gel

• **Hand protection:**



Protective gloves

Gloves made from butyl rubber Neoprene™ rubber, nitrile rubber (thickness > 0.11mm; breakthrough times up to 480 minutes).

• **Other skin protection:**

Boots, bodysuit are recommended.

• **Respiration protection:**

Dust mask is recommended.

• **Thermal hazards:**

The gauntlets, boots, bodysuit and other personal protective equipment must be flame retardant and no heat-conducting.

• **Environmental exposure controls:**

Control measures must be made in accordance with Community environmental protection legislation.

SECTION 9: Physical and chemical properties

• **9.1 Information on basic physical and chemical properties**

• Physical state	Gel
• Color	Various
• Odor & Odor threshold	Light smell
• Melting point/freezing point	Not determined
• Boiling point or initial boiling point and boiling range	The mixture decomposes when heated.
• Flammability	Not flammable liquid
• Lower and upper explosion limit	Not determined
• Flash point	Not determined
• Auto-ignition temperature	Not determined
• Decomposition temperature	Not determined
• pH	Not determined, this product is insoluble in water.
• Kinematic viscosity (mm²/s)	Not determined
• Solubility	Insoluble in water
• Partition coefficient n-octanol/water (log value)	Not determined
• Vapor pressure	Not determined
• Density and/or relative density	Not determined
• Relative vapor density	Not determined
• Particle characteristics	CI 77891 particles with an aerodynamic diameter ≤ 10 μm is less than 1% (w/w)
• 9.2 Other information	
• 9.2.1 Information with regard to physical hazard classes:	
• Explosives	Not applicable
• Flammable gases	Not applicable
• Aerosols	Not applicable
• Oxidising gases	Not applicable

Safety Data Sheet

Regulation (EC) No. 1907/2006 and 1272/2008

Printing Date: July 11, 2022

Version No.: 1.0

Revision: July 11, 2022

Trade Name: HEMA Free Color Builder Gel

· Gases under pressure	Not applicable
· Flammable liquids	Not applicable
· Flammable solids	Not applicable
· Self-reactive substances and mixtures	Not applicable
· Pyrophoric liquids	Not applicable
· Pyrophoric solids	Not applicable
· Self-heating substances and mixtures	Not applicable
· Substances and mixtures, which emit flammable gases in contact with water	Not applicable
· Oxidizing liquids	Not applicable
· Oxidizing solids	Not applicable
· Organic peroxides	Not applicable
· Corrosive to metals	Not applicable
· Desensitised explosives	Not applicable
9.2.2 Other safety characteristics	
· Mechanical sensitivity	Not applicable
· Self-accelerating polymerisation temperature	Not applicable
· Formation of explosible dust/air mixtures	Not applicable
· Acid/alkaline reserve	Not applicable
· Evaporation rate	Not applicable
· Miscibility	Not applicable
· Conductivity	Not applicable
· Corrosiveness	Not applicable
· Gas group	Not applicable
· Redox potential	Not applicable
· Radical formation potential	Not applicable
· Photocatalytic properties	Not applicable
· Other physical and chemical parameters	Not determined

SECTION 10: Stability and reactivity

10.1 Reactivity:

The product is non-reactive under normal conditions of use, storage and transport.

10.2 Chemical stability:

Under storage at normal ambient temperatures, the product is stable.

10.3 Possibility of hazardous reactions:

No known hazardous reaction.

10.4 Conditions to avoid:

High temperature.

10.5 Incompatible materials:

Strong acid and strong oxidizing agent.

Safety Data Sheet

Regulation (EC) No. 1907/2006 and 1272/2008

Printing Date: July 11, 2022

Version No.: 1.0

Revision: July 11, 2022

Trade Name: HEMA Free Color Builder Gel

· **10.6 Hazardous decomposition products:**

No known hazardous decomposition products.

SECTION 11: Toxicological information

· **11.1 Information on toxicological effects**

· **Acute toxicity:**

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

LD50/LC50 values relevant for classification:

13463-67-7 CI 77891

Rat	LD50-oral	>20000mg/kg
	LC50-inhalation	>6.82mg/L
Rabbit	LD50-skin	>10000mg/kg

Remark: All the above data are from literature.

· **Skin corrosion/irritation:**

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

· **Serious eyes damage/ irritation:**

Causes serious eye irritation.

· **Respiratory or skin sensitization:**

May cause an allergic skin reaction.

· **Germ cell mutagenicity:**

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

· **Carcinogenicity:**

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

· **Reproductive toxicity:**

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

· **STOT-single exposure:**

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

· **STOT-repeated exposure:**

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

· **Aspiration hazard:**

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

11.2 Information on other hazards

11.2.1 Endocrine disrupting properties:

None of the ingredients ($\geq 0.1\%$) is considered to have endocrine-disrupting properties with respect to humans, as none of them meet the criteria set out in section A of Regulation (EU) No 2017/2100.

11.2.2 Other information:

No known other relevant information on adverse health effects.

Safety Data Sheet

Regulation (EC) No. 1907/2006 and 1272/2008

Printing Date: July 11, 2022

Version No.: 1.0

Revision: July 11, 2022

Trade Name: HEMA Free Color Builder Gel

SECTION 12: Ecological information

12.1 Toxicity:

LC50/EC50/NOEC values relevant for classification:	
75980-60-8 Trimethylbenzoyl diphenylphosphine oxide	
Short-term toxicity to fish	LC50 (4 days) 1.4 mg/L
Short-term toxicity to aquatic invertebrates	EC50 (48 h) 3.53 mg/L
Toxicity to aquatic algae and cyanobacteria	EC50 (72 h) 1.56 mg/L
Toxicity to microorganisms	EC50 (3 h) 1 g/L

12.2 Persistence and degradability:

75980-60-8	Trimethylbenzoyl diphenylphosphine oxide	Under test conditions no biodegradation observed
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12.3 Bio-accumulative potential:

75980-60-8	Trimethylbenzoyl diphenylphosphine oxide	Log Pow= 3.1
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12.4 Mobility in soil:

75980-60-8	Trimethylbenzoyl diphenylphosphine oxide	Log Koc = 2.89
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12.5 Results of PBT and vPvB assessment

This mixture does not contain any substances ($\geq 0.1\%$) that are assessed to be a PBT or a vPvB.

12.6 Endocrine disrupting properties:

None of the ingredients ($\geq 0.1\%$) is considered to have endocrine-disrupting properties with respect to non-target organisms, as none of them meet the criteria set out in section B of Regulation (EU) No 2017/2100.

12.7 Other adverse effects:

No known other adverse effects.

12.8 Additional ecological information

General notes:

WGK2 (German Regulation) (self-assessment): Hazard to waters.

Do not allow the product to reach ground water, water course or sewage system.

SECTION 13: Disposal consideration

13.1 Waste treatment methods

Recommendation:

Must not be disposed together with household garbage.

13.2 Un-cleaned packaging

Recommendation:

Dispose of contents/container in according to the local/regional/national/ international regulation.

SECTION 14: Transport information

ADR/RID/ADN

This product is not subject to ADR/RID/ADN.

Safety Data Sheet

Regulation (EC) No. 1907/2006 and 1272/2008

Printing Date: July 11, 2022

Version No.: 1.0

Revision: July 11, 2022

Trade Name: HEMA Free Color Builder Gel

IATA-DGR	This product is not subject to IATA-DGR.
IMO/IMDG	This product is not subject to IMO/IMDG code.

SECTION 15: Regulatory information

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

• **MAK (German Maximum Workplace Concentration):**

13463-67-7	CI 77891	4
1317-61-9	CI 77499	3

• **Directive 2012/18/EU**

• **Named dangerous substances-ANNEX I:**

None of the ingredients is listed.

• **Seveso category:** Not applicable

• **Qualifying quantity (tonnes) for the application of lower-tier requirements:** Not applicable

• **Qualifying quantity (tonnes) for the application of upper-tier requirements:** Not applicable

• **National regulations.**

• **Water hazard class:**

WGK2 (German Regulation) (self-assessment): Hazard to waters.

• **Other regulations, limitations and prohibitive regulations**

• **SVHC Candidate list of REACH Regulation Annex XIV Authorization:**

None of the ingredients is listed.

• **REACH Regulation Annex XVII Restriction:**

None of the ingredients is listed.

• **REACH Regulation Annex XIV Authorization List:**

None of the ingredients is listed.

• **15.2 Chemical safety assessment:**

A Chemical Safe Assessment has not been carried out.

SECTION 16: Other information

• **16.1 Indication of changes:**

None.

16.2 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).

IMDG: International Maritime Code for Dangerous Goods.

IATA: International Air Transport Association.

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

PBT: Persistent, Bio accumulative and Toxic

vPvB: very persistent and very bio accumulative

SVHC: Substance of Very High Concern

Safety Data Sheet

Regulation (EC) No. 1907/2006 and 1272/2008

Printing Date: July 11, 2022

Version No.: 1.0

Revision: July 11, 2022

Trade Name: HEMA Free Color Builder Gel

LD50: Lethal dose, 50 percent

LC50: Lethal concentration, 50 percent

EC50: Concentration of maximal effect, 50 percent

NOEC: No observed effect concentration

Skin Irrit.2: Skin corrosion/irritation, hazard category 2

Skin Sens. 1: Skin Sensitization, hazard category 1

Skin Sens. 1B: Skin Sensitization, hazard category 1B

Eye Irrit. 2: Eye damage/irritation, hazard category 2

STOT SE 3: Specific target organ toxicity after single exposure, hazard category 3

Repr. 2: Reproductive toxicity, hazard category 2

Aquatic Chronic 2: Long-term (chronic) aquatic hazard, hazard category 2

Aquatic Chronic 3: Long-term (chronic) aquatic hazard, hazard category 3

• 16.3 Key literature references and sources for data

<https://echa.europa.eu/><https://chem.nlm.nih.gov/><https://www.osha.gov/><http://www.unece.org/><http://www.imo.org/><https://www.dguv.de/><https://epa.govt.nz/><http://www.ilo.org/><https://www.phmsa.dot.gov/>

• 16.4 Classification for mixtures and used evaluation method according to regulation (EC) 1207/2008 [CLP]:

See SECTION 2.1 (classification).

• 16.5 Relevant H- and EUH-phrases (number and full text):

H315 Causes skin irritation

H317 May cause an allergic skin reaction

H319 Causes serious eye irritation

H335 May cause respiratory irritation

H361f Suspected of damaging fertility

H411 Toxic to aquatic life with long lasting effects

H412 Harmful to aquatic life with long lasting effects

• 16.6 Training advice:

Workers must be educated and trained so they understand the hazards, and know how to work safely with hazardous products.

• 16.7 Further information:

The contents and format of this SDS are in accordance with Regulation (EC) No 1907/2006, its amendment Regulation (EU) No 2020/878 and (EC) No 1272/2008.

DISCLAIMER OF LIABILITY:

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End of safety data sheet