

Safety Data Sheet

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

Version No.: 1.0

Printing Date: July 11, 2022

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SDS REPORT

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

SDS Report No. : SDS202206291503
Compilation Date : July 11, 2022
Trade Name : HEMA Free Rubber Base Coat
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
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SECTION 1: Identification of the substance/mixture and of the company/undertaking

• **1.1 Product identifier**

• **Trade name:**

HEMA Free Rubber Base Coat

• **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

• **2.1.2 Additional information:**

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

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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.

Hazard statements:

H317 May cause an allergic skin reaction

H319 Causes serious eye irritation

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.

P264 Wash hands thoroughly after handling.

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 Rubber Base Coat.

Ingredients:

Substance	CAS No.	Index No.	EC No.	w/w, %	CLP Classification	SCL/M-factor/ATE
Acrylates copolymer	25035-69-2	-	-	50-60	None	-
Hydroxypropyl	27813-02-1	-	248-666-3	20-30	Skin Sens. 1, H317	-

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methacrylate					Eye Irrit. 2, H319	
Hydroxycyclohexyl phenyl ketone	947-19-3	-	213-426-9	1-5	None	-
Microcrystalline wax	63231-60-7	-	264-038-1	1-5	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:

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.

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Trade Name: HEMA Free Rubber Base Coat**· 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.

void contact with eyes and skin.

· 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.

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.

· Information about fire and explosion protection:

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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:** No available data.

- **DNELs:**

DNEL type		DNEL worker value	DNEL consumer value
27813-02-1 Hydroxypropyl methacrylate			
Systemic effects	Long-term, inhalation exposure	14.7 mg/m ³	8.8 mg/m ³
	Long-term, dermal exposure	4.2 mg/kg bw/day	2.5 mg/kg bw/day
	Long-term, oral exposure	-	2.5 mg/kg bw/day
947-19-3 Hydroxycyclohexyl phenyl ketone			
Systemic Effects	Long-term, inhalation exposure	21.16 mg/m ³	5.22 mg/m ³
	Long-term, dermal exposure	3 mg/kg bw/day	1.5 mg/kg bw/day
	Long-term, oral exposure	-	1.5 mg/kg bw/day

- **PNECs:**

PNEC type	Value
27813-02-1 Hydroxypropyl methacrylate	
Freshwater	904 µg/L
Intermittent releases (freshwater)	972 µg/L
Marine water	904 µg/L
Intermittent releases (marine water)	972 µg/L
Sewage treatment plant (STP)	10 mg/L
Sediment (freshwater)	6.28 mg/kg sediment dw
Sediment (marine water)	6.28 mg/kg sediment dw
Soil	727 µg/kg soil dw
947-19-3 Hydroxycyclohexyl phenyl ketone	
Freshwater	14.4 µg/L
Intermittent releases (freshwater)	144 µg/L

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Marine water	1.44 µg/L
Sewage treatment plant (STP)	10 mg/L
Sediment (freshwater)	186 µg/kg sediment dw
Sediment (marine water)	18.6 µg/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**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	Colorless, transparent.
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

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· 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 (mm ² /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	Not determined
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
· 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

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• 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.

• **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:

947-19-3 Hydroxycyclohexyl phenyl ketone

Rat	LD50-oral	2500mg/kg
	LD50-skin	5000mg/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.

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• **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.

SECTION 12: Ecological information

• **12.1 Toxicity:**

LC50/EC50/NOEC values relevant for classification:	
27813-02-1 Hydroxypropyl methacrylate	
Short-term toxicity to fish	LC50 (48 h) 493 mg/L
Short-term toxicity to aquatic invertebrates	EC50 (48 h) 143 mg/L
Long-term toxicity to aquatic invertebrates	NOEC (21 days) 45.2 mg/L
Toxicity to aquatic algae and cyanobacteria	EC50 (72 h) 97.2 mg/L NOEC (72 h) 97.2 mg/L

• **12.2 Persistence and degradability:**

27813-02-1	Hydroxypropyl methacrylate	Readily biodegradable in water
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• **12.3 Bio-accumulative potential:**

27813-02-1	Hydroxypropyl methacrylate	Log Pow= 0.97
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• **12.4 Mobility in soil:** No available data.

• **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:**

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WGK1 (German Regulation) (self-assessment): Low hazard to waters.

Do not allow large quantities of 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.
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):**

None of the ingredients is listed.

- **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:**

WGK1 (German Regulation) (self-assessment): Low 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.

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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

LD50: Lethal dose, 50 percent

LC50: Lethal concentration, 50 percent

EC50: Concentration of maximal effect, 50 percent

NOEC: No observed effect concentration

Skin Sens. 1: Skin Sensitization, hazard category 1

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

16.3 Key literature references and sources for data

<https://echa.europa.eu/>

<https://chem.nlm.nih.gov/>

<https://www.osha.gov/>

<http://www.unecce.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):

H317 May cause an allergic skin reaction

H319 Causes serious eye irritation

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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product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

End of safety data sheet