

# Safety Data Sheet

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

Version No.: 1.0

Printing Date: 5 January 2022

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# **SDS REPORT**

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

SDS Report No. Compilation Date Trade Name Composition/Ingredient of The Sample Service Requested

Summary

SDS20210426063 December 26, 2021 ~ January 5, 2022 HEMA FREE BASE COAT See Section 3 on the SDS

Preparation Safety Data Sheet (SDS) for the sample with submitted composition from client. 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.



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Trade Name: HEMA FREE BASE COAT

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

• 1.1 Product identifier

• Trade name: <u>HEMA FREE BASE COAT</u>

• 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: For nail use only.

· 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

Room 310, Top Floor, Building 11, Lushigang, Huangshi Road, Hongfeng Creative Park, Baiyun District, Guangzhou, China. **Tel:** +086 13825003049

*Tel:* +080 13823003049

Fax: +086 20-86388467

Email: manager.rnkgel@gzluoliqi.com

· Only Representative/other EU contact point: No information available.

• Further information obtainable from: GUANGZHOU RONIKI BEAUTY SUPPLIES CO., LTD

· 1.4 Emergency telephone number

In China JOYCE Tel: +086 13825003049

### SECTION 2: Hazards identification

• 2.1 Classification of the substance or mixture

Regulation (EC) No 1272/2008 [CLP]	Classification procedure
Skin Irrit. 2, H315	Calculation method
Skin Sens. 1A, H317	Calculation method
Eye Irrit. 2, H319	Calculation method
STOT SE 3, H335	Calculation method
Aquatic Acute 1, H400	Calculation method
Aquatic Chronic 1, H410	Calculation method

#### · 2.2 Label elements

• Labeling according to Regulation (EC) No 1272/2008: The product is labelled according to CLP Regulation.

• Hazard pictograms:



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· Signal wor	rd: Warning		right and the	
· Hazard-de	termining components of labelling:	Isobornyl acrylate; Trimethylbenzoyl di	iphenylphosphine oxide.	
• Hazard sta	itements:		144	
H315	Causes skin irritation		and then water is	
H317	May cause an allergic skin react	ion	J. Liberton 1	
H319	Causes serious eye irritation		B THILL WATER	
H335	May cause respiratory irritation	A Will I May	(1)111 下信, 下信, 12, 14	
H410	Very toxic to aquatic life with los	ng lasting effects	IIII and III	
• Precaution	nary statement:		A HIM Then we to the	
P101	If medical advice is ne	eded, have product container or label a	t hand.	
P102	Keep out of reach of c	hildren.	ruille ruille	
P103	Read label before use.			
P271	Use only outdoors or	in a well-ventilated area.	TER DIANE	
P273	Avoid release to the en	ivironment.		
P280	Wear protective glove	s/ eye protection/face protection.	· / AND · IE	
P391	Collect spillage.		The second second second second	
P405	Store locked up.		line in the	
P501	Dispose of contents/co	ontainer in accordance with local regula	ution.	
· Supplemen	ntal label elements: Not applicable	SS -IElean	mill film	

#### · 2.3 Other hazards

Trimethylbenzoyl diphenylphosphine oxide (CAS No.: 75980-60-8) meets the criteria for PBT/vPvB in accordance with Annex XIII. None ingredients ( $\geq 0.1\%$ ) 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 BASE COAT.

Ingredients:	1	VIII Lilin.	to the		C F AB Lower	- III - Same
Substance	CAS No.	Index No.	EC No.	w/w, %	<b>CLP</b> Classification	SCL/M-factor/ATE
Acrylates copolymer	25035-69-2	-	ANTE	40-50	None	2 NE
Isobornyl acrylate	5888-33-5		227-561-6	15-35	Skin Irrit. 2, H315 Skin Sens. 1A, H317 Eye Irrit. 2, H319 STOT SE 3, H335 Aquatic Acute 1, H400 Aquatic Chronic 1, H410	M=1 M(Chronic)=1
Hydroxycyclohexyl phenyl ketone	947-19-3	ALL Bran	213-426-9	1-10	None	子像松红
Silica	112945-52- 5	TIK	West and	1-5	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335	TERMEN
Trimethylbenzoyl	75980-60-8	015-203-00-X	278-355-8	1-4	Skin Sens. 1B, H317	Repr. 2, H361f:

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### 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: Causes skin/ eyes/ respiratory irritation; May cause an allergic skin reaction.

• 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.
- 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; 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

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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 handing; See section 8 for information on personal protection equipment; See section 13 for disposal in formation.

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: Keep away from ignition sources.

• 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
112945-52-5	Silica	
Germany (DF	FG) 4 mg/m <sup>3</sup> Inhalable fraction	The second secon

DNEL type	ruill and the	DNEL worker value	DNEL consumer value
5888-33-5 Isobo	rnyl acrylate	I P Promition will	11 11 11
Systemic effects	Long-term, inhalation exposure	$4.9 \ mg/m^3$	1.45 mg/m <sup>3</sup>
	Long-term, dermal exposure	1.39 mg/kg bw/day	830 μg/kg bw/day
	Long-term, oral exposure	I Martin Martin	830 μg/kg bw/day
75980-60-8 Trin	nethylbenzoyl diphenylphosphine oxide	1 mm	CALLER VI
Systemic Effects	Long-term, inhalation exposure	822 μg/m <sup>3</sup>	145 μg/m³
	Long-term, dermal exposure	233 μg/kg bw/day	83.3 μg/kg bw/day
	Long-term, oral exposure	- I I I Party	83.3 μg/kg bw/day

PNECS:

PNEC type

Value

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5888-33-5 Isobornyl acrylate	Pillin - In
Freshwater	920 ng/L
Intermittent releases (freshwater)	7.04 μg/L
Marine water	92 ng/L
Sewage treatment plant (STP)	2 mg/L
Sediment (freshwater)	145 μg/kg sediment dw
Sediment (marine water)	14.5 μg/kg sediment dw
Soil	28.5 μg/kg soil dw
75980-60-8 Trimethylbenzoyl dipheny	lphosphine 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	$22.2 \mu g/kg$ soil 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:



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.

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LAND LAND		
• 9.2.1 Information with regard to physical hazard classes:		
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Version No.: 1.0 Printing Date: January 5,2022 Revision: December 26,2021 Trade Name: HEMA FREE BASE COAT · 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

(R)

- 10.1 Reactivity: The product is no-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:

	5888-33-5	5888-33-5 Isobornyl acrylate			
	Rat	LD50-oral	4890mg/kg	C.	
-	Rabbit	LD50-skin	>5000 mg/kg		

947-19-3 Hydroxycyclohexyl		yl phenyl ketone
Rat	LD50-oral	2500mg/kg

LD50-skin 5000mg/kg Remark: All the above data are from literature.

· Skin corrosion/irritation: Causes skin irritation.

• 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.

• Summary of evaluation of the CMR properties: This mixture is not classified as CMR mixture.

• STOT-single exposure: May cause respiratory irritation.

• 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 ingredient ( $\geq 0.1\%$ ) is considered to have endocrine-disrupting properties with respect to humans as it meets 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 classif	ication:
5888-33-5 Isobornyl acrylate	mill - Thur the
Short-term toxicity to fish	LC50 (4 days) 704 µg/L
Long-term toxicity to aquatic invertebrates	NOEC (21 days) 92 μg/L
Toxicity to aquatic algae and cyanobacteria	EC50 (72 h) 1.98 mg/L
THIL THE PARTY PARTY	NOEC (72 h) 405 μg/L
75980-60-8 Trimethylbenzoyl diphenylphosp	hine 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:

5888-33-5	Isobornyl acrylate	Readily biodegradable in water
75980-60-8	Trimethylbenzoyl diphenylphosphine oxide	Under test conditions no biodegradation observed
C TO MAN		

#### • 12.3 Bio-accumulative potential:

5888-33-5	Isobornyl acrylate	$Log Pow = 4.52 at 20^{\circ}C$
75980-60-8	Trimethylbenzoyl diphenylphosphine oxide	<i>Log Pow= 3.1 at 23 °C</i>

· 12.4 Mobility in soil: No

5888-33-5	Isobornyl acrylate	Log Koc =3.71 at 20 °C
75980-60-8	Trimethylbenzoyl diphenylphosphine oxide	$Log Koc = 2.89 at 20 \ ^{\circ}C$

#### · 12.5 Results of PBT and vPvB assessment

Trimethylbenzoyl diphenylphosphine oxide (CAS No.: 75980-60-8) is assessed to be a PBT. It was suspected of damaging fertility or the unborn child. Trimethylbenzoyl diphenylphosphine oxide (CAS No.: 75980-60-8) was suspected of damaging fertility.

· 12.6 Endocrine disrupting properties:

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None ingredient ( $\geq 0.1\%$ ) has endocrine disrupting properties with respect to non-target organisms as it does not 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): Distinct 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.

UN3082	
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.	
9 Miscellaneous dangerous substances and articles	
Yes	
Warning: Miscellaneous dangerous substances and articles Void 90	

#### SECTION 15: Regulatory information

MARPOL 73/78 and the IBC Code

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

IBC03

- 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:
- E1 Hazardous to the Aquatic Environment

• Qualifying quantity (tonnes) for the application of lower-tier requirements: 100.

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• Qualifying quantity (tonnes) for the application of upper-tier requirements: 200.

· 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: Not applicable

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

Skin Sens. 1A: Skin sensitisation, hazard category 1A

Skin Sens. 1B: Respiratory or skin sensitisation, 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 Acute 1: Short-term (acute) aquatic hazard, hazard category 1

Aquatic Chronic 1: Long-term (chronic) aquatic hazard, hazard category 1

Aquatic Chronic 2: Long-term (chronic) aquatic hazard, 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.unece.org/ http://www.imo.org/ https://www.dguv.de/ https://epa.govt.nz/

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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]: Not applicable

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

H302 Harmful if swallowed

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

H400 Very toxic to aquatic life

H410 Very toxic to aquatic life with long lasting effects

H411 Toxic 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