

Safety Data Sheet

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

Version No.: 1.0

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Page 1/1

SDS REPORT

Gellifique Ltd

41 Deantown Avenue, Whitecraig, Musselburgh, Edinburgh, EH21 8NS United Kingdom

SDS Report No. : SDS201908286
Compilation Date : Aug. 26, 2019~ Sept. 04, 2019
Trade Name : Gellifique UV/LED 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, 1272/2008, Regulation (EU) No 2015/830 and are provided per attached.

* This sample is likely to be classified as cosmetic product and is out of scope of a SDS as set out in Regulation (EC) No 1907/2006. This SDS is generated for client's reference only.

Signed for and on behalf of
REAL Technical Center:



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

- **1.1 Product identifier**
 - **Trade name:** *Gellifique UV/LED Rubber Base Coat*
 - **Registration number:** *Data not available*
- **1.2 Relevant identified uses of the substance or mixture and uses advised against on**
 - **Application of the substance/ mixture:** *Used for manicure or pedicure only, to be applied on the nails.*
- **1.3 Details of the supplier of the safety data sheet**
 - **Manufacturer/Supplier:**
Gellifique Ltd.
41 Deantown Avenue, Whitecraig, Musselburgh, Edinburgh, EH21 8NS United Kingdom
Tel: +086-447518565348
Email: info@gellifique.com
 - **Further information obtainable from:** *Gellifique Ltd.*
- **1.4 Emergency telephone number**
UNITED KINGDOM
National Poisons Information Service
Tel: + 44 (0) 844 892 0111

SECTION 2: Hazards identification

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

Classification according to regulation (EC) 1272/2008: *The product is not classified according to CLP Regulation.*

 - **Classification system:**
The classification is according to the latest edition of Regulation 1272/2008, and extended by company and literature data.
- **2.2 Label elements**
 - **Labeling according to Regulation (EC) No 1272/2008:** *Not applicable*
 - **Hazard pictograms:** *Not applicable*
 - **Signal word:** *Not applicable*
 - **Hazard statements:** *Not applicable*
 - **Precautionary statement:** *Not applicable*
- **2.3 Other hazards**
 - **Results of PBT and vPvB assessment**
PBT: *Not applicable*
vPvB: *Not applicable*

SECTION 3: Composition/information on ingredients

- **3.1 Chemical characterization: Mixture**
 - **Description:**
Mixture of the substances listed below with nonhazardous additions; For the wording of the listed risk phrases refer to section 16.

• Component:	
CAS No.: 25035-69-2 EC No.: 607-492-1	(Meta)acrylic ester co-polymer
CAS No.: 1302-78-9	Bentonite

EC No.: 215-108-5		
CAS No.: 123-86-4 EC No.: 204-658-1 Index No.: 607-025-00-1	Butyl Acetate ⚠ Flam. Liq. 3, H226; ⚠ STOT SE 3, H336; EUH066	
CAS No.: 63231-60-7 EC No.: 264-038-1	Paraffin waxes and Hydrocarbon waxes, microcryst.	
CAS No.: 9004-36-8 EC No.: 618-381-2	Cellulose acetate butyrate	

SECTION 4: First aid measures

· 4.1 Description of first aid measures

General advice: No special measure required normally.

After inhalation: Supply with fresh air. Call a POISON CENTER/doctor, if you feel unwell.

After skin contact: Not special measure required. If there are signs of irritation or other symptoms seek medical attention.

After eye contact: Rinse cautiously with water for several minutes. If eye irritation persists: Get medical advice/attention.

After swallowing: Wash mouth. Get medical attention if you feel unwell.

· 4.2 Most important symptoms and effects, both acute and delayed: There are not any known symptoms or effects.

· 4.3 Indication of any immediate medical attention and special treatment needed: No special medical attention or special treatment.

SECTION 5: Fire-fighting measures

· 5.1 Extinguishing media

· Suitable extinguishing agents:

Use CO₂, powder, water spray or alcohol resistant foam to extinguish. Do not use water with full jet.

· 5.2 Special hazards arising from the substance or mixture: May produce irritant vapor under fire.

· 5.3 Advice for firefighters

Protective equipment: Wear self-contained breathing apparatus for firefighting.

SECTION 6: Accidental release measures

· 6.1 Personal precautions, protective equipment and emergency procedures:

Cut off leakage source and collect spillage timely; Ensure adequate ventilation; Avoid contact eyes.

· 6.2 Environmental precautions:

Do not allow the product to enter sewers/surface or ground water; Inform respective authorities in case of seepage into water course or sewage system.

· 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:** Avoid contact with eyes.
- **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 cool and well-ventilated place.
- **Information about storage in one common storage facility:** Keep out of reach of children.
- **Further information about storage conditions:** Store locked up.
- **7.3 Specific end use(s):** Used for manicure or pedicure only, to be applied on the nails.

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
123-86-4 Butyl Acetate (3%)		
Austria	100ppm; 480 mg/m ³	100ppm; 480 mg/m ³
Denmark	150ppm; 710 mg/m ³	300ppm; 1420 mg/m ³
Finland	150ppm; 720 mg/m ³	200ppm; 960 mg/m ³ 15 minutes average value
France	150ppm; 710 mg/m ³	200ppm; 940 mg/m ³
Germany (AGS)	62ppm; 300 mg/m ³	124ppm; 600 mg/m ³ 15 minutes average value
Germany (DFG)	100ppm; 480 mg/m ³	200ppm; 960 mg/m ³ 15 minutes average value
Hungary	950 mg/m ³	950 mg/m ³
Ireland	150ppm; 710 mg/m ³	200ppm; 950 mg/m ³
Latvia	200 mg/m ³	-
Poland	200 mg/m ³	950 mg/m ³
Spain	150ppm; 724 mg/m ³	200ppm; 965 mg/m ³
Sweden	100ppm; 500 mg/m ³	150ppm; 700 mg/m ³ 15 minutes average value
United Kingdom	150ppm; 724 mg/m ³	200ppm; 966 mg/m ³

• DNELs:

123-86-4 Butyl Acetate			
Systemic Effects	Long-term, inhalation exposure	48 mg/m ³	12 mg/m ³
	Acute /short term, inhalation exposure	600 mg/m ³	300 mg/m ³
	Long-term, dermal exposure	7 mg/kg bw/day	3.4 mg/kg bw/day
	Acute /short term, dermal exposure	11 mg/kg bw/day	6 mg/kg bw/day
	Long-term, oral exposure	-	2 mg/kg bw/day
	Acute /short term, oral exposure	-	2 mg/kg bw/day
Local effects	Long-term, inhalation exposure	300 mg/m ³	35.7 mg/m ³
	Acute /short term, inhalation exposure	600 mg/m ³	300 mg/m ³

• PNECs:

PNEC type	Value
123-86-4 Butyl Acetate	
Freshwater	180 µg/L
Marine water	18 µg/L
Sewage treatment plant (STP)	35.6 mg/L
Sediment (freshwater)	981 µg/kg sediment dw

Sediment (marine water)	98.1 µg/kg sediment dw
<p>• Additional information: The lists valid during the marking were used as basis.</p> <p>• 8.2 Exposure controls</p> <p>• Based on the composition shown in section 3, the following measures are suggested for occupational safety measure.</p> <p>• Appropriate engineering controls: Handle in accordance with good industrial hygiene and safety practice; Wash hands and face before breaks and at the end of work; See section 7 for information about design of technical facilities.</p> <p>• Personal protective equipment</p> <p>• Respiration protection: Dust mask is recommended.</p> <p>• Protection of hands: No special protection of hands required.</p> <p>• Eye protection: No special eye protection required.</p> <p>• Environmental exposure controls: Control measures must be made in accordance with Community environmental protection legislation.</p>	

SECTION 9: Physical and chemical properties

• 9.1 Information on basic physical and chemical properties	
• Appearance:	
Form	Liquid
Color	Transparent
Odor	Odorless
Odor threshold	Not applicable
• pH-value	Not determined
• Change in condition	
Melting point/melting range	Not determined
Boiling point and boiling range	Not determined
• Freezing point	Not determined
• Flash point	64°C (closed cup)
• Flammability (solid, gas)	Not applicable
• Decomposition temperature	Not determined
• Self-ignition	Product is not self-igniting
• Danger of explosion	Product is not explosive. However, formation of explosive air/vapor mixtures is possible.
• Explosion limits	
Lower:	Not determined
Upper:	Not determined
• Oxidizing properties	No oxidation
• Vapor pressure	Not determined
• Density	Not determined
• Relative density	Not determined
• Vapor density	Not determined
• Evaporation rate	Not determined
• Solubility in/Miscibility with	
Water	Soluble in water
• Partition coefficient (n-octanol/water)	Not determined
• Viscosity	
Dynamic	Not determined

Kinematic	Not determined
9.2 Other information	cruelty free,vegan, not tested on animals

SECTION 10: Stability and reactivity

- **10.1 Reactivity:** No decomposition if used according to specification.
- **10.2 Chemical stability:** Stable under recommended storage conditions.
- **10.3 Possibility of hazardous reactions:** No further relevant information available.
- **10.4 Conditions to avoid:** High temperature.
- **10.5 Incompatible materials:** Strong acid, 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.
- **LD/LC50 values relevant for classification:** No animal test has been done for this product.
- **Skin corrosion/irritation:** Based on available data, the classification criteria are not met.
- **Serious eyes damage/ irritation:** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitization:** Based on available data, the classification criteria are not met.
- **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.

SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** Not hazardous to the aquatic environment.

63231-60-7 Paraffin waxes and Hydrocarbon waxes, microcryst.	
Short-term toxicity to fish	LL50 (4 days) 100 mg/L
Short-term toxicity to aquatic invertebrates	LL50 (4 days) 10 g/L
123-86-4 n-butyl acetate	
Short-term toxicity to fish	LC50 (4 days) 18 mg/L EC50 (4 days) 18 mg/L
Short-term toxicity to aquatic invertebrates	EC50 (48 h) 32 - 44 mg/L
Long-term toxicity to aquatic invertebrates	NOEC (21 days) 23.2 mg/L LOEC (21 days) 47.6 mg/L EC50 (21 days) 34.2 mg/L LC50 (21 days) 43.5 mg/L
Toxicity to aquatic algae and cyanobacteria	EC50 (48 h) 392 mg/L EC50 (24 h) 335 mg/L NOEC (72 h) 105 - 196 mg/L

		NOEC (48 h) 196 mg/L
<p>· 12.2 Persistence and degradability: Readily degradable.</p>		
123-86-4	n-Butyl acetate	Readily biodegradable
<p>· 12.3 Bio-accumulative potential: Low bio-accumulation.</p>		
123-86-4	n-Butyl acetate	Log Pow = 1.81 - 2.3 at 23 - 25 °C and pH 7
<p>· 12.4 Mobility in soil: Data not available.</p>		
<p>· 12.5 Results of PBT and vPvB assessment PBT: Not applicable vPvB: Not applicable</p>		
<p>· 12.6 Other adverse effects: No further relevant information available.</p>		
<p>· 12.7 Additional ecological information General notes: Water hazard class 1(German Regulation) (self-assessment): Slightly hazardous for water. Do not allow large quantities of the product to reach ground water, water course or sewage system.</p>		

SECTION 13: Disposal consideration

- **13.1 Waste treatment methods**
Recommendation: Small quantities can be disposed together with household garbage; Large quantities disposed must be in according to the local regulation.
- **13.2 Un-cleaned packaging**
Recommendation: Dispose of contents/container in according to the local/regional/national/ international regulation.

SECTION 14: Transport information

<p>· 14.1 UN-Number ADR, RID, ADN IMDG, IATA</p>	Not regulated as dangerous transport goods
<p>· 14.2 UN proper shipping name ADR, RID, ADN IMDG, IATA</p>	Void
<p>· 14.3 Transport hazard class (es) ADR, RID, ADN IMDG, IATA Class Label</p>	<p>Void Void</p>
<p>· 14.4 Packing group ADR, RID, ADN IMDG, IATA</p>	Void
<p>· 14.5 Marine pollution</p>	No
<p>· 14.6 Special precautions for user · Danger code (Kemler) · EMS number</p>	<p>Void Void Void</p>
<p>· 14.7 UN "Model Regulation"</p>	Void

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.
- **National regulations.**
- **Water hazard class:** Water hazard class 1 (German Regulation) (self-assessment): Slightly hazardous for water.
- **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

Relevant phrases:

H226 Flammable liquid and vapour

EUH066 Repeated exposure may cause skin dryness or cracking

The contents and format of this SDS are in accordance with Regulation (EC) No 1907/2006, 1272/2008 and Regulation (EU) No 2015/830.

DISCLAIMER OF LIABILITY:

The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the 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.

• 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

SVHC: Substance of Very High Concern

LD50: Lethal dose, 50 percent

LC50: Lethal concentration, 50 percent

EC50: Concentration of maximal effect, 50 percent

LL50: Lethal loading rate, 50 percent

LOEC: Lowest Observed Effect Concentration

NOEC: No observed effect concentration

Flam. Liq. 3: Flammable liquids, hazard category 3

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

End of safety data sheet