

Safety Data Sheet

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

Version: 1.0

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SDS REPORT

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

SDS Report No. : SDS201908282
Compilation Date : Aug. 26, 2019~ Sept. 04, 2019
Trade Name : Gellifique UV/LED Microcrystal 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 Microcrystal 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: +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	Acrylates Copolymer
CAS No.: 9004-36-8 EC No.: 618-381-2	Cellulose Acetate Butyrate

CAS No.: 1302-78-9 EC No.: 215-108-5	Bentonite	
CAS No.: 63231-60-7 EC No.: 264-038-1	Microcrystalline Wax	
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	

SECTION 4: First aid measures

• 4.1 Description of first aid measures

General advice: If feel unwell, get medical advice/attention.

After inhalation: Supply with fresh air. If feel unwell, get medical advice/attention.

After skin contact: Wash skin with water. If feel unwell, get medical advice/attention.

After eye contact: Rinse eyes with water cautiously. If feel unwell, get medical advice/attention.

After swallowing: Rinse mouth with water. If feel unwell, get medical advice/attention.

• 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 immediate medical attention or special treatment needed.

SECTION 5: Fire-fighting measures

• 5.1 Extinguishing media

• Suitable extinguishing agents: CO₂, dry powder, water spray or alcohol resistant foam.

• 5.2 Special hazards arising from the substance or mixture: Carbon monoxide and carbon dioxide.

• 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:

Cut off leakage source and collect spillage timely; Ensure adequate ventilation; Avoid breathing vapors; Wear personal protective equipment; Avoid contact with eyes.

• 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 item 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:** Ensure adequate ventilation; Avoid breathing vapors; 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-ventilation location.
- **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
Belgium	50ppm; 238 mg/m ³ Butylacetates, all isomers	150ppm; 712 mg/m ³ Butylacetates, all isomers; 15 minutes average value
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 STV 15 minutes average value
Hungary	950 mg/m ³	950 mg/m ³
Ireland	150ppm; 710 mg/m ³	200ppm; 950 mg/m ³ 15 minutes average value
Latvia	200 mg/m ³	-
Poland	200 mg/m ³	950 mg/m ³
Romania	150ppm; 715 mg/m ³	200ppm; 950 mg/m ³ 15 minutes average value
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:**

DNEL type	DNEL worker value	DNEL consumer value	
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
Intermittent releases (freshwater)	360 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

• **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; Wash hands and face before breaks and at the end of work;
See section 7 for information about design of technical facilities.

• **Personal protective equipment**

• **Respiration protection:** Ensure good ventilation; Dusk mask is recommended.

• **Protection of hands:** No special protection of hands required.

• **Eye protection:** No special protection of hands required.

• **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**

• **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	65°C (closed cup)
Flammability(solid, gas)	Not applicable
Decomposition temperature	Not determined
Self-ignition	Not determined
Danger of explosion	Not determined
Explosion limits	
Lower:	Not determined
Upper:	Not determined
Oxidizing properties	Not determined
Vapor pressure	Not determined
Density	Not determined
Relative density	Not determined
Vapor density	Not determined
Evaporation rate	Not determined
Solubility in/Miscibility with	

Water	Not determined
• 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 temperatures.
- **10.5 Incompatible materials:** Strong acid, strong oxidizing agents and strong bases.
- **10.6 Hazardous decomposition products:** No further relevant information available.

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 or the components.
- **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 Microcrystalline Wax	
Short-term toxicity to fish	LL50 (4 days) 100 mg/L
Short-term toxicity to aquatic invertebrates	LL50 (4 days) 10 g/L
	EL50 (48 h) 10 g/L
123-86-4 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 NOEC (72 h) 105 - 196 mg/L
Toxicity to microorganisms	IC50 (40 h) 356 mg/L

• **12.2 Persistence and degradability:** Readily biodegradable.

123-86-4	Butyl Acetate	Readily biodegradable
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• **12.3 Bio-accumulative potential:** Low bio-accumulation.

123-86-4	Butyl Acetate	Log Pow = 1.81 - 2.3 at 23 - 25 °C and pH 7
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• **12.4 Mobility in soil:** Data not available.

• **12.5 Results of PBT and vPvB assessment**

PBT: Not applicable

vPvB: Not applicable

• **12.6 Other adverse effects:** No further relevant information available.

• **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.

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

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

IC50: Half maximal inhibitory concentration

LL50: Lethal loading rate, 50 percent

EL50: Effective loading rate, 50 percent

NOEC: No observed effect concentration

LOEC: Lowest 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