

Safety Data Sheet

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

Trade Name: Builder gel

Page 1 of 1

SDS REPORT

Jade UK Ltd
16 Upton Road Tarring BN13 1BU UK

SDS Report No. : SDS201805117
Compilation Date : Sept.08,2020~Sept.14,2020
Trade Name : 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, 1272/2008, Regulation (EU) No 2015/830 and are provided per attached.

Signed for and on behalf of
Technical Center:



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

1.1 Product identifier

- Trade name: *Builder gel*
- 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: *Nail extension.*

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

JadeUK Ltd

16 Upton Road Tarring BN13 1BU UK

Email: info@jadeuk.co.uk

- Further information obtainable from: *JadeUK Ltd*

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to regulation (EC) 1272/2008:



GHS07 Exclamation mark

Skin Irrit. 2 H315 Causes skin irritation
Skin Sens. 1 H317 May cause an allergic skin reaction
Eye Irrit. 2 H319 Causes serious eye irritation

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: *The product is classified and labelled according to the CLP regulation.*
- Hazard pictograms:



GHS07

- Signal word: *Warning*

Hazard statements:

H315 Causes skin irritation
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 vapor.
P264	Wash hand and face thoroughly after handling.
P280	Wear protective gloves/ eye protection/face protection.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P321	Specific treatments see the first aid measure on this label.
P501	Dispose of contents/container in accordance with local regulation.

·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.: None	Polyacrylate-22	81%
CAS No.: 868-77-9 EC No.: 212-782-2 Index No.: 607-124-00-X	2-hydroxyethyl methacrylate ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317	10%
CAS No.: 9004-36-8 EC No.: 618-381-2	Cellulose acetate butyrate	5%
CAS No.: None	2-Propenenitrile, products from partial hydrolysis, 2-amino-2-hydroxymethyl-1,3-propanediol salts	2%
CAS No.: None	Ethyl Trimethylbenzoyl Phenylphosphinate	1%
CAS No.: 9006-65-9 EC No.: 618-433-4	Dimethicone	1%

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

After skin contact: Wash with plenty of soap and water. 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: Rinse mouth. DO NOT INDUCE VOMITTING. Call a POISON CENTER/doctor, if you feel unwell.

·4.2 Most important symptoms and effects, both acute and delayed: Causes skin irritation and eye irritation; May cause an allergic skin reaction.

·4.3 Indication of any immediate medical attention and special treatment needed: No further relevant information available.

SECTION 5: Fire-fighting measures

·5.1 Extinguishing media

·Suitable extinguishing agents: Use CO₂, chemical 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 product allergic/irritant vapor under fire.

·5.3 Advice for firefighters

Protective equipment: Self-contained breathing apparatus (EN 133).

SECTION 6: Accidental release measures

·6.1 Personal precautions, protective equipment and emergency procedures:

Evacuate personnel to safe areas; Collect leakage timely if safe do it; Ensure good ventilation; Wear protective gloves/ eye protection/face protection; Avoid breathing vapors; Use respiratory protective device against the effects of vapors; Avoid contact with skin and eyes and skin.

·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 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: Read label before use; Ensure good ventilation/exhaustion at the workplace; Wear protective gloves /eye protection/face protection; Avoid breathing vapors; Use respiratory protective device against the effects of vapors; Avoid contact with skin and 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): Nail extension.

SECTION 8: Exposure controls/personal protection

·8.1 Control parameters

·Ingredients with limit values that require monitoring at the workplace: The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

·DNELs:

DNEL type	DNEL worker value	DNEL consumer value
868-77-9 2-hydroxyethyl methacrylate		
Systemic Effects	Long-term, inhalation	4.9 mg/m ³
	Long-term, dermal	1.3 mg/kg bw/day
	Long-term, oral	-
		830 µg/kg bw/day

·PNECs:

PNEC type	Value
868-77-9 2-hydroxyethyl methacrylate	
PNEC aquatic, freshwater	482 µg/L
PNEC aquatic, intermittent release	1 mg/L
PNEC aquatic, marine water	482 µg/L
PNEC marine water, intermittent release	1 mg/L
PNEC sewage treatment plant	10 mg/L
PNEC sediment, freshwater	3.79 mg/kg sediment dw
PNEC sediment, marine water	3.79 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; 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:** Use positive pressure breathing mask if concentrations in air could exceed occupational exposure standard.

·Protection of hands:



Protective gloves

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

·Eye protection:



Safety glasses

Protective goggles with side-shields.

·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	Gel
Color	Multicolor
Odor	Odorless
Odor threshold	Data not available
pH-value	Not applicable
·Change in condition	
Melting point/melting range	Data not available
Boiling point and boiling range	Data not available
·Freezing point	Data not available
·Flash point	> 93 °C (closed cup)
·Flammability (Solid, gas)	Not applicable
·Decomposition temperature	Data not available
·Self-ignition	Product is not self-igniting.
·Danger of explosion	Product does not present explosive hazard.

·Explosion limits	
Lower:	Data not available
Upper:	Data not available
·Oxidizing properties	
Data not available	
·Vapor pressure	
Data not available	
·Density	
Data not available	
·Relative density	
Data not available	
·Vapor density	
Data not available	
·Evaporation rate	
Data not available	
·Solubility in/Miscibility with	
Water	Insoluble in water
·Partition coefficient (n-octanol/water)	
Data not available	
·Viscosity	
Dynamic	Data not available
Kinematic	Data not available
·9.2 Other information	
Data not available	

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: Acid, strong oxidizing agent, flammable substance and alkali metal.
- 10.6 Hazardous decomposition products: Acrylic monomer.

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.

868-77-9 2-hydroxyethyl methacrylate		
Rat	LD50-oral	5050mg/kg
Mouse	LD50-oral	3275mg/kg
Guinea pig	LD50-oral	4680mg/kg
9006-65-9 Dimethicone		
Mouse	LD50-oral	>20000mg/kg
Remark: 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.
- 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.

868-77-9 2-hydroxyethyl methacrylate	
Short-term toxicity to fish	LC50 (4 days) 100 mg/L
Short-term toxicity to aquatic invertebrates	EC50 (48 h) 380 mg/L NOEC (48 h) 171 mg/L
Long-term toxicity to aquatic invertebrates	NOEC (21 days) 24.1 mg/L LOEC (21 days) 49.6 mg/L EC50 (21 days) 90.1 mg/L LC50 (21 days) 100 mg/L
Toxicity to aquatic algae and cyanobacteria	EC50 (72 h) 345 - 836 mg/L NOEC (72 h) 160 - 400 mg/L

12.2 Persistence and degradability: Readily biodegradable.

868-77-9	2-hydroxyethyl methacrylate	Readily biodegradable (in water)
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12.3 Bio-accumulative potential:

868-77-9	2-hydroxyethyl methacrylate	Log Pow=0.42 at 25 °C and pH 5.9 - 6.1
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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: 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

14.1 UN-Number

ADR, IMDG, IATA

Not regulated as dangerous transport goods, not applicable

14.2 UN proper shipping name

ADR, IMDG, IATA

Not applicable

14.3 Transport hazard class (es)

ADR, IMDG, IATA

Class

Not applicable

Label	Not applicable
·14.4 Packing group ADR, IMDG, IATA	Not applicable
·14.5 Marine pollution	No
·14.6 Special precautions for user	Not applicable
·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:

H315 Causes skin irritation

H317 May cause an allergic skin reaction

H319 Causes serious eye irritation

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:

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·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.

GHS: Globally Harmonized System of Classification and Labeling of Chemicals

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

NOEC: No observed effect concentration

LOEC: Lowest Observed Effect Concentration

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

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

Skin Sens. 1: Respiratory or skin sensitisation, hazard category 1

End of safety data sheet