SA BELLESA nail vision

SAFETY DATA SHEET

[In accordance with the criteria of Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)]

Section 1. Identification of the substancje/mixture and of the company/undertaking

1.1. Product identifier

Product name: BONDER ACID GEL

1.2. Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses: UV nail gel

Uses advised against: Not determined.

1.3. Details of the supplier of the safety data sheet

Producer: serele srl

Address: viale del basento n.118 -85100 potenza

Telephone number: 003909711935211

E-mail address: info@sabellesa.com

Website: www.sabellesa.com

1.4. Emergency telephone number

112

Section 2. Hazards identification

2.1. Classification of the substance or mixture

The mixture/substance meets the criteria for classification according to Regulation 1272/2008/EC (CLP):

H315	Skin Irrit. 2	Causes skin irritation.
H319	Eye Irrit. 2	Causes serious eye irritation.
H412	Aquatic Chronic 3	Harmful to aquatic life with long lasting effects.
H335	STT SE 3	May cause respiratory irritation

2.2. Label elements

Signal word: **Warning**

Hazard statements:

H315	Skin Irrit. 2	Causes skin irritation.
H319	Eye Irrit. 2	Causes serious eye irritation.
H412	Aquatic Chronic 3	Harmful to aquatic life with long lasting effects.
H335	STT SE 3	May cause respiratory irritation

Precautionary statements:

P261	Avoid breathing vapours.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection
P302+P352	IF ON SKIN: Wash with soap and water.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

2.3. Other hazards

Substances in product do not meet criteria for PBT or vPvB in accordance with Annex XIII of Regulation REACH

Substances in product do not have endocrine disrupting properties.

Section 3. Composition/information on ingredients

3.1. Substances Not applicable.

3.2. Mixtures

Chemical name	Concentration range [%]	CAS No.	EC No.	REACH Registration No.	Classification acc. to. 1272/2008/EC
Bis-HEMA Polyneopentyl Glycol Adipate/IPDI Copolymer	25.0-35.0	82339-16-0	-	-	Skin Irrit. 2 H315 Eye Irrit. 2 H319
Trimethylolpropane Trimethacrylate (TMPTMA)	5.0-15.0	3290-92-4	221-950-4	01-2119542176-41	Aquatic Chronic 2 H411
Tripropylene Glicol Acrylate	5.0-15.0	6606-59-3	229-551-7	-	Skin Irrit. 2 H315 Eye Irrit. 2 H319 Skin Sens. 1 H317 Aquatic Chronic 2 H411 Concentration limits: >= 10%: STT SE 3 H335
1,6-Hexandiol Diacrylate	2.5-7.5	13048-33-4	235-921-9	-	Skin Irrit. 2 H315 Eye Irrit. 2 H319 Skin Sens. 1 H317
Benzoyl Isopropanol	2.5-7.5	7473-98-5	7473-98-5	01-2119472306-39	Acute Tox. 4 H302 Aquatic Chronic 3 H412
Phosphoric acid 2-hydroxyethyl methacrylate	2.5-7.5	7534-94-3	231-403-1	–	Skin Sens. 1 H317 Eye Dam. 1 H318
Acrylated Amine Synergist	1.0-5.0	159034-91-0	500-425-6	-	Skin Sens. 1 H317 Eye Irrit. 2 H319

Glycol Dimethacrylate	1.0-5.0	97-90-5	202-617-2	01-2119965172-38-XXXX	Skin Sens. 1 H317 STOT SE 3 H335 Concentration limits: >= 10%: STOT SE 3 (H335)
CI 60725	≤0,001	81-48-1	201-353-5	-	Skin Sens. 1 H317 Aquatic Chronic 4 H413

* Full text od H-phrases is presented in section 16.

Section 4. First aid measures

4.1. Description of first aid measures

General recommendations:
Provide the physician with the Safety Data Sheet

Skin contact:
In case of clothes contamination - take off clothes. Wash with soap and water. Rinse for least 15 minutes with plenty of water.

Eye contact:
Rinse eyes with plenty of running water, also under the eyelids, for least 15 minutes. If eye irritation persists, consult an ophthalmologist.

Ingestion:
Do not induce vomiting. Get medical attention immediately.

Inhalation:
Take the injured out of the place of exposure. Provide access to fresh air. If the case of symptoms, seek medical advice.

4.2. Most import ant symptoms and effects, both acute and delayed

Skin contact:
In case of prolonged contact, may cause redness, dryness, allergic reaction.

Eye contact:
Tearing, burning, redness.

Ingestion:
Gastroenterological problems, nausea, vomiting.

Inhalation:
Headaches and dizziness.

4.3. Indication of any immediate medical attention and special treatment needed

Physician makes a decision regarding further medical treatment after thoroughly examination of the injured.

Section 5. Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:
Carbon dioxide, dry extinguishing powders, extinguishing foam.

Unsuitable extinguishing media:
A steady stream of water.

5.2. Special hazards arising from the substance or mixture

During a fire, hazardous volatile chemicals: carbon oxides, nitro gen oxides may be formed. Violent and uncontrolled polymerization reaction may occur under the influence of high temperature and fire, as a result of which the storage containers may explode and rupture. Avoid using a solid water stream. Use a water spray to cool unopened containers.

5.3. Advice for firefighters

Do not intervene without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

Section 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personel

Ventilate spill area. Use protective clothing. Use protective glasses. Evacuate pe ople in the danger zone. Avoid contact with skin and eyes.

For emergency responders

Remove all sources of ignition. Ventilate spill area. Use protective clothing. Use protective glasses. Avoid contact with skin and eyes.

6.2. Environmental precautions

Place leaking containers in a well-ventilated area. In the event of large spills, they should be secured and recovered.

Avoid release to the environment – surface water, groundwater and sewage system.

6.3. Methods and material for containment and cleaning up

Collect any spilled fluid with an absorbent material. Dispose of absorbent materials and residues in an authorized facility in accordance with national regulations. Clean contaminated area. Use clean, non-sparking tools to scoop up absorbed material.

6.4. Reference to other sections

Personal protection equipment – Section 8.
Waste disposal – Section 13.

Section 7. Handling and storage

7.1. Precautions for safe handling

Do not eat, drink or smoke while using the product. Avoid contact with the eyes and skin. Provide good ventilation devices. Provide eye showers and washes. Light sensitive product – exposure to light should be avoided. After finishing work, wash the skin thoroughly with soap and water. Use personal protective equipment in case of long-term exposure.

7.2. Conditions for safe storage, including any incompatibilities

The storage conditions:

Store in dry and well-ventilated rooms. Away from heat sources, sparks and fire. Use mechanical ventilation. Store in tightly closed containers. Store in temperature below 38°C (100° F). Protect against frost, heat and sunlight. Do not smoke.

7.3. Specific end use(s)

Apart from the uses mentioned in subsection 1.2 no other specific uses are stipulated.

Section 8. Exposure controls/personal protection

8.1. Control parameters

- **Trimethylolpropane Trimethacrylate (TMPTMA) - CAS 3290-92-4**

DNEL/DMEL (workers)

Long-term - skin contact	42 mg/kg /day
Long-term – inhalation	14,81 mg/m^3

DNEL/DMEL (consumers)

Long-term - skin contact	15 mg/kg /day
Long-term – inhalation	2,9 mg/m^3
Long-term – ingestion	1,5 mg/kg/day

PNEC Aqua (fresh water)	2,76 mg/l
PNEC Aqua (sea water)	0,276 mg/l
PNEC sediment (fresh water)	0,495 mg/kg
PNEC sediment (sea water)	0,05 mg/kg
PNEC soil	0,097 mg/kg
PNEC (STP)	10 mg/l

- **Benzoyl Isopropanol - CAS 7473-98-5**

DNEL/DMEL (workers)

Long-term - skin contact	1,25 mg/kg /day
Long-term – inhalation	3,5 mg/m^3

PNEC Aqua (fresh water)	0,002 mg/l
PNEC Aqua (sea water)	0,0 mg/l
PNEC sediment (fresh water)	0,019 mg/kg
PNEC sediment (sea water)	0,009 mg/kg
PNEC soil	0,001 mg/kg
PNEC (STP)	45 mg/l

LEGAL BASIS: COMISSION DIRECTIVES 2000/39/EC, 2006/15/EC, 2009/161/EC, 2017/164/EC, 2019/1931/EC

8.2. Exposure control

Appropriate engineering controls:

To identify the additional Personal Protective Equipment (PPE) required, it is recommended that a hazard assessment be performed in accordance with OSH PPE (29 CFR 1910.132) or European Standard EN 166 before handling the product.

Provide eye wash and a safety shower. Wear impervious clothing such as gloves, apron, boots or a full protective suit to prevent any contact with the product. Nitrile rubber is better than PVC. Provide general and local exhaust ventilation.

Hand and body protection:

Use protective gloves (neoprene ar recommended) and work clothes.

Eye/face protection:

Avoid contact with eyes by wearing protective glasses.

Respiratory protection:
If mechanical ventilation is not sufficient, use respiratory protection in accordance with the OSHA regulations for breathing apparatus (29 CFR 1910.134) or the European standard EN 149. In justified cases, it is recommended to use protective masks with organic vapor absorbers.

Thermal hazards:
Not identified.

Environmental exposure controls:
Avoid release to the environment - surface waters, groundwater and sewage system.

Section 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid
Colour	Transparent
Odour	Characteristic
Melting point/freezing point	No data available.
Boiling point Or initial boiling point and boiling range	No data available.
Flammbility	No data available.
Lower and Upper explosion limits	No data available.
Flash point	No data available.
Auto-ignition temperature	No data available.
Decomposition temperature	No data available.
pH	No data available.
Kinematic viscosity	No data available.
Solibility	No data available.
Partition coefficient n-octanol/water (lod value)	No data available.
Vapour pressure	No data available.
Density and/Or relative density	No data available.
Relative vapour density	No data available.
Particle characteristics (Only apply to solids)	No data available.

9.2. Other information

Information with regard to physical hazard classes:
No additional test results.

Other safety characteristics
No additional information available.

Section 10. Stability and reactivity

10.1. Reactivity

The product reacts with strong oxidizing agents, reducing agents, bases, acids.

10.2. Chemical stability

Stable under normal conditions.

10.3. Posiibility of hazardous reactions

Uncontrolled polymerization reaction.

10.4. Conditions to avoid

Keep away from sources of heat and ignitron. Avoid storage in temperature below 38°C (100F). Avoid exposure to light, contamination with incompatible materials, loss of polymerization inhibitor, loss of dissolved air.

10.5. Imcompatibile materials

Polymerization initiators including peroxides, strong oxidizing agents, copper, copper alloys, carbon steel, iron, rust and strong bases.

10.6. Hazardous decomposition products

No additional information available.

Section 11. Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity of mixture:
Not Classified

Acute toxicity of components:

- **Tripropylene Glycol Acrylate - CAS 42978-66-5**
  Ingestion
  LD_{50} >2 000 mg/kg (rat)
  Skin contact
  LD_{50} >2 000 mg/kg (rabbit)
- **1,6-Hexandiol Diacrylate - CAS 13048-33-4**
  Ingestion
  LD_{50} 5 000 mg/kg (rat)
  Skin contact
  LD_{50} 3 650 mg/kg (rabbit)
  Inhalation LD_{50} 0,41 mg/l (rat, 7h)
- **Benzoyl Isopropanol - CAS 7473-98-5**
  Ingestion
  LD_{50} 1694 mg/kg (rat)
  Skin contact
  LD_{50} 6929 mg/kg (rabbit)
- **Glycol Dimethacrylate – CAS 97-90-5**
  Ingestion
  LD_{50} 3 300 mg/kg (rat)
  Skin contact
  LD_{50} > 2 000 mg/kg (rat)

Skin corrosion/irritation:
Causes skin irritation.

Serious eye damage/irritation:
Causes eye irritation.

Respiratory or skin sensitisation:
May cause respiratory irritation.

Germ cell mutagenicity:
Not Classified

Carcinogenicity:
Not Classified

Reproductive toxicity:
Not Classified

STOT-single exposure:
Not Classified

STOT-repeated exposure:
Not Classified

Aspiration hazard:
Not Classified

11.2. Information on other hazards

Endocrine disrupting properties
Substances in product do not have endocrine disrupting properties.

Other information
No additional information available.

Section 12. Ecological informations

12.1. Toxicity

Toxic to aquatic life with long lasting effects.

Harmful to aquatic life with long lasting effects.

Toxicity of components:

- **Trimethylolpropane Trimethacrylate (TMPTMA) - CAS 3290-92-4**
  Fishes LC_{50}**:** 2 mg/l (96h, *Oncorhynchus mykiss*)
  Aquatic invertebrates EC_{50}**:** >9,22 mg/l (48h; *Daphnia magna*)
  Water plants EC_{50}**:** 3,88 mg/l (72h, Pseudokirchneriella subcapitata)
- **Tripropylene Glycol Acrylate - CAS 42978-66-5**
  Fishes LC_{50}**:** >4,6 - <10 mg/l (96 h; *Leuciscus idus)*
  Aquatic invertebrates EC_{50}**:** 89 mg/l (48h; *Daphnia magna*)
  Water plants EC_{50}**:** 65,9 mg/l (72h; Desmodesmus subspicatus)
  Microorganisms EC_{50}**:** >1000 mg/l (3h)
- **1,6-Hexandiol Diacrylate - CAS 13048-33-4**
  Fishes LC_{50}**:** 4,6 - 10 mg/l (96h, *Leuciscus idus*)
  Aquatic invertebrates EC_{50}**:** 2,6 mg/l (48h; *Daphnia magna*)
  Water plants EC_{50}**:** 1,5 mg/l (72h, Desmodesmus subspicatus)
  Microorganisms EC_{50}**:** about 270 mg/l (30 min.)
- **Benzoyl Isopropanol - CAS 7473-98-5**
  Fishes LC_{50}**:** 160 mg/l (96 h; *Leuciscus idus)*
  Aquatic invertebrates EC_{50}**:** >119 mg/l (48h; *Daphnia magna*)
  Water plants EC_{50}**:** 1,95 mg/l (72h)
  Microorganisms EC_{50}**:** >1000 mg/l (3h)

- **Glycol Dimethacrylate – CAS 97-90-5**

Fishes LC_{50}**:** 15,95 mg/l (LC50; OECD 203; 96 h; *Danio rerio)*
Aquatic invertebrates EC_{50}**:** 44,9 mg/l (48h; *Daphnia magna*)
Water plants EC_{50}**:** 19 mg/l (96 h; *Pseudokirchneriella subcapitata*)
Microorganisms EC_{50}**:** 570 mg/l (3h)

12.2. Persistence and degrability

No additional information available.

12.3. Bioaccumulative potential

No additional information available.

12.4. Mobility in soil

No additional information available.

12.5. Results of PBT and vBvP assessment

According to Annex XIII of Regulation (EC) No. 1907/2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH): The product does not fulfill the criteria for PBT (Persistent / bioaccumulative / toxic) and vPvB (very persistent / very bioaccumulative).

12.6. Endocrine disrupting properties

Substances in product do not have endocrine disrupting properties.

12.7. Other adverse effects

No additional information available.

Section 13. Disposal considerations

13.1. Waste treatment methods

Waste from residues/unused products:
Store the remains in original containers. Must be disposed of in accordance with local regulations.

Contaminated packaging:
The packaging, emptied of the remains of the product, should be delivered to an appropriate dump or for disposal in accordance with local regulations. Treat contaminated packages as the product itself. Re-use of packaging is not recommended.

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Section 14. Transport information

14.1. UN number or ID number

Not applicable. The product is not classified as dangerous during transport.

14.2. UN proper shopping name

Not applicable. The product is not classified as dangerous during transport.

14.3. Transport hazard class(es)

ADR/RID:	IMDG:	IATA:
Not applicable.	Not applicable.	Not applicable.

14.4. Packing group

ADR/RID:	IMDG:	IATA:
Not applicable.	Not applicable.	Not applicable.

14.5. Environmental hazards

Toxic to aquatic life with long lasting effects. Do not allow to enter the environment.

14.6. Special precautions for user

Not applicable.

14.7. Maritime transport in bulk according to IMO instruments

Not applicable.

Section 15. Regulatory information

15.1. Safety, health and environment al regulations/legislation specific for the substancje or mixture

1. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC
2. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006
3. Commission regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)
4. Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)
5. Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work
6. Commission Directive 2006/15/EC of 7 February 2006 establishing a second list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Directives 91/322/EEC and 2000/39/EC
7. Commission Directive 2009/161/EU of 17 December 2009 establishing a third list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Commission Directive 2000/39/EC
8. Commission Directive (EU) 2017/164 of 31 January 2017 establishing a fourth list of indicative occupational exposure limit values pursuant to Council Directive 98/24/EC, and amending Commission Directives 91/322/EEC, 2000/39/EC and 2009/161/EU
9. European Agreement Concerning the International Carriage of Dangerous Goods by Road (ADR)

10. Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain Directives
11. European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste
12. Commission regulation (EC) No 552/2009 of 22 June 2009 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards Annex XVII
13. Regulation (eu) 2016/425 of the european parliament and of the council of 9 March 2016 on personal protective equipment and repealing Council Directive 89/686/EEC.

15.2. Chemical safety assessment

According to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) it is not necessary to carry out a chemical safety assessment for the mixture.

Section 16. Other informations

Full text of H-phrases mentioned in section 3:

H315	Causes skin irritation
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H373	May cause damage to organs (liver, kidneys) through prolonged or repeated exposure
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.
H412	Harmful to aquatic life with long lasting effects.

Clarifications of aberrations and acronyms:

Skin Irrit. 2	Skin irritation category 2
Skin Sens. 1	Skin sensitisation, category 1.
Eye Irrit. 2	Eye irritation, category 2.
Eye Dam. 1	Serious eye damage, category 1.
STOT SE 3	Specific target organ toxicity – single exposure, category 3, respiratory tract irritation.
STOT RE 2	Specific target organ toxicity – repeated exposure, category 2.
Aquatic Chronic 2	Hazardous to the aquatic environment, chronic hazard, category 2.
Aquatic Chronic 3	Hazardous to the aquatic environment, chronic hazard, category 3.
CLP	Classification, Labelling and Packaging
REACH	*Registration, Evaluation, Authorisation and Restriction of Chemicals*
CAS No	*Chemical Abstracts Service* number
EC Number	European Chemical number: EINECS, ELINCS or NLP
EINECS	*European Inventory of Existing Chemical Substances*
ELINCS	*European List of Notified Chemical Substances*
NLP	*„No–longer polymers"*
PBT	Persistent, Bioaccumulative and Toxic substance
vPvB	very Persistent, very Bioaccumulative substance
ADR	The European Agreement concerning the International Carriage of Dangerous Goods by Road
RID	Regulations Concerning the International Transport of Dangerous Goods by Rail
IMDG	*International Maritime Dangerous Goods Code*
IATA	*International Air Transport Association*
OSHA	European Agency for Safety and Health at Work, EU-OSHA
PEL	Permissible exposure limit

Literature references and data sources:

SDS from the different suppliers of the components.

Procedure used to derive classification according to Regulation (EC) No. 1272/2008:

Calculation method.

Revision:

Section 1–16: general revision of SDS, according to COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

Trainings:

Before commencing working with the product, the user should learn the Health & Safety regulations, regarding handling chemicals, and in particular, undergo a proper workplace training.

Disclaimer:

While serele srl believes that the data contained herein are accurate and derived from qualified sources, the data are not to be taken as a warranty or representation for which serele srl assumes legal responsibility. They are offered solely for your consideration, investigation and verification. Any use of these data and information must be determined by the user to be in accordance with applicable federal, state, and local laws, and regulations.

serele srl requires all Customers who receive this Security Data Record to study it carefully in order to be informed of any dangers presented by the product. As far as security is concerned, the Customer should:

- Inform his employees, agents and sub-contractors of information contained in this form.
- Supply one copy of this form to each one of his own Customers for this product.
- Ask for these same Customers to inform in turn their own Employees and Customers.

This SDS annulate and replaces all previous versions.