



Revision: 26
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Safety data sheet
[in accordance with Regulation (EC) No. 2020 / 878]

1. Product and company name

1.1. Product identifier

Product name:

SLX-LC Tray, PINK, BLUE or NATURAL (also base plates)

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

Intended purpose:

Making of individual impression- and functional trays
Occlusal registration
Precized impression for part- or totalprosthetics

1.3. Disadvised uses:

It is not recommended to use it as:

Impression material
Denture acrylic
Filling material

1.4. Details of the supplier providing the safety data sheet

Manufacturer / Supplier:

Dent-A-Pharm Produktionsgesellschaft mbH

Street:

Schusterring 35

Nat. no. / postcode / town:

D-25355 Barmstedt

Contact for technical information (safety data sheet):

Dr Wolfgang Willmann
+49 (0) 41 23 / 9225 0

Telephone / Fax / E-Mail:

+49 (0) 4123 / 9225 0 / +49 (0) 4123 / 9225 48 / info@dent-a-pharm.de

1.5. Emergency number

Emergency information (24 hours):

Dr Wolfgang Willmann
Tel: +49 (0) 170 / 4053052

Australian Distributor:

Alphabond Dental Pty Ltd
Unit 40 / 28 Barcoo Street, Roseville NSW 2069
P: +61 2 9417 6660 | F: +61 2 9417 3001

**Australian Emergency Contact Numbers:**

Alphabond Dental (Business hours)	Phone: 02 9417 6660
Alphabond Dental (After hours)	Phone: 0412 121 788
Emergency Call Service (Australia)	Phone: 000

2. Hazards Identification

2.1. Classification of the mixture

According to Regulation (EC) No 1272/2008:

- **H317**, Skin sens. 1 B, may cause an allergic skin reaction,

2.2. Label elements

GHS labelling according to 1272/2008 (GHS/CLP):



Warning

H-/P-phrases:	Definition:
H317	Can cause allergic skin reactions
P272	Do not wear contaminated work clothing outside the workplace
P280	Protective gloves/protective clothing/eye protection/ Wear face protection
P302	In case of contact with skin:
P352	Wash with plenty of soap and water
P333	For skin irritation or rash:
P313	Seek medical advice / medical assistance
P362	Remove contaminated clothing and
P364	Wash before wearing again
P501	Dispose of contents/container in accordance with local/regional/national/international regulations

2.3. Additional hazards

Heat may be generated during the curing process.
Do not use if an allergy to acrylates and methacrylates is known.

2.4. Endocrine disrupting properties

The product does not contain any substances or mixtures of substances with endocrine-disrupting properties.

2.5. Other information

No other harmful effects on health are known.

3. Composition/information on the ingredients

3.1. Classification of the mixture

Chemical characterisation (Hazardous ingredients of the mixture)			
Substance	CAS No./EINECS No./EG No.	Content (%)	Labelling
Triethylene glycol di-methacrylate	CAS No. 109-16-0 EC-No. 203-652-6	2-5	Skin sens. 1 B, H 317 Sensitisation of the skin
Vinyl ester resin	CAS No.: 55818-57-0	5-8	Skin Sens. 1B, H317 Sensitisation of the skin

4. First aid measures

4.1. Description of first aid measures

After inhalation:
Take the affected person out into the fresh air No further immediate assistance required.
After skin contact:
Wash skin with soap and water and rinse thoroughly. If skin irritation occurs, consult a doctor.
After eye contact:
Rinse the eyes with water for a sufficiently long time with the eyelids open. If irritation persists, consult a doctor.
After ingestion:
Consult a doctor immediately.

4.2. Most important symptoms or effects, both acute and delayed

Irritation of the eyes, skin and respiratory tract.

4.3. Information on immediate medical assistance or specialised treatment

If skin or eye irritation persists, consult a doctor.

5. Firefighting measures

5.1. Extinguishing agent

Suitable extinguishing agents:

Foam, extinguishing powder, carbon dioxide, water spray jet - Adapt fire extinguishing measures to the surroundings.

Unsuitable extinguishing agents for safety reasons:

None known

5.2. Special hazards arising from the mixture

Hazards from the product itself, its combustion products or the resulting gases are not known.

5.3. Instructions for firefighting

The usual measures for combating chemical fires, i.e. independent
Use breathing apparatus (insulating device).

6. Measures in the event of accidental release

6.1. Personal precautions, protection

Ensure adequate ventilation.

6.2. Environmental protection measures

Do not allow to enter the sewage system.

6.3. Methods and material for retention and cleaning

Pick up material mechanically, cure in the light and dispose of
(Dispose of material as hazardous waste in accordance with local regulations).

6.4. Reference to other sections

No references.

7. Handling and storage

7.1. Protective measures for safe handling

Recommendations:

The usual precautionary measures for handling chemicals must be observed.
Wear a work coat during work.

Notes on fire and explosion protection:

No special measures necessary.

7.2. Conditions for safe storage, taking into account incompatibilities

Cool, dry, sealed and protected from light
Storage time: 3 years if the storage conditions are observed.

7.3. Specific end uses

Wear disposable gloves when working.
Ensure good extraction when sanding the hardened material.

8. Exposure controls and personal protective equipment

8.1. Parameters to be monitored

None known.
PNCE and DNCL values, which would have to be determined as part of a chemical safety report that may need to be prepared, are not available.

8.2. Exposure controls and monitoring

8.2.1. Personal protective equipment

Observe protective and hygiene measures. Store protective clothing separately.
The usual precautionary measures for handling chemicals must be observed.

Respiratory protection:

not required

Eye protection:

Wear safety goggles when working with the material

Hand protection:

Awareness: Wearing suitable protective gloves (based on past experience/literature), e.g. Ethiparat® gloves for 5-10 minutes, use of no-touch or minimal-contact techniques recommended.

Body protection:

Wear standard work clothing.

Other protective measures:

None.

Information on industrial hygiene:

Observe the usual professional protection and hygiene measures.
Preventive skin protection.
Wash hands and face after work.

9. Physical and chemical properties

9.1. Information on the basic physical and chemical properties

Notes:

Apart from the appearance, the specifications only refer to the acrylate resin used.

Parameters:	Specification:
Appearance	Colourless upper/lower jaw plates, kneadable, pasty material
Odour	like mint
Odour threshold	not specified
pH value	not applicable
Melting point / freezing point	not specified
Boiling start and boiling ranges	not specified
Flash point	according to the flash points of the ingredients estimated > 100 °C
Evaporation rate	not specified
Flammability	not specified
Upper/lower flammability or explosion limits	not specified
Vapour pressure	not specified
Vapour density	not specified
Relative density	not specified
Solubility	insoluble in water
Partition coefficient n-octanol/water	not specified
Auto-ignition temperature	not specified
Decomposition temperature	not specified
Viscosity	not specified
Explosive properties	not known
Oxidising properties	not known

9.2. Other information

none

10. Stability and reactivity

10.1. Reactivity

The material can polymerise slowly when exposed to sunlight and light.

10.2. Chemical stability

Protected from heat, sunlight and exposure to light, the material is chemically stable.

10.3. Possibility of hazardous reactions

Excessive heat dissipation during slow polymerisation of the material does not occur.

10.4. Conditions to avoid

Protect from heat, sunlight and exposure to light to avoid premature slow polymerisation.

10.5. Incompatible materials

Protect from radical formers to avoid premature slow polymerisation.

10.6. Hazardous decomposition products

None when used as intended

The product may polymerise slowly with low heat development if the storage time and / or the recommended storage temperature are significantly exceeded.

10.7. Further notes

none

11. Toxicological information

11.1. Details

Acute toxicity:

Based on available data, the classification criteria are not met.

Irritant effect on the skin:

The product may cause allergic reactions.

Eye irritation:

Based on available data, the classification criteria are not met.

Irritation of the respiratory organs:

Based on available data, the classification criteria are not met.

Sensitisation:

Based on available data, the classification criteria are not met.

Repeated dose toxicity:

Based on available data, the classification criteria are not met.

Carcinogenicity:

Based on available data, the classification criteria are not met.

Mutagenicity:

Based on available data, the classification criteria are not met.

Reproductive toxicity:

Based on available data, the classification criteria are not met.

Toxicokinetics

In accordance with the new REACH safety data sheet, information on Toxicokinetics, metabolism and distribution of the substance in the body at this site are listed. We do not have any information on this.

Other information

None

11.2. Endocrine disrupting properties

The product does not contain any substances, substances or mixtures of substances with endocrine-disrupting properties.

11.3. Other information

When handled properly and used as intended, the product has the following properties
According to our experience and the information available to us, there are no harmful effects on health.
Allergic reactions to methacrylates are possible

12. Environmental information

12.1. Toxicity

Fish toxicity

No data for the mixture

Aquatic organisms:

not specified

Bacterial toxicity:

not specified

12.2. Persistence and degradability

The substances contained in the mixture are not degradable in sufficient time.

12.3. Bioaccumulation potential

No data available

12.4. Mobility in soil

No data available

12.5. Result of the determination of the PTB and vPvB assessment

It is not known whether the material triggers or prevents hormonal effects.

12.6. Other harmful effects

No data available

13. Notes on disposal

13.1. Process for waste treatment of the preparation

Dispose of properly in accordance with local regulations.
Do not allow to enter the sewage system.

Waste code according to the Waste Catalogue Ordinance (AVV):

16 03 05 (organic wastes containing hazardous substances)

Packaging:

Non-contaminated packaging can be recycled.

14. Transport details

14.1. UN number

None

14.2. UN proper shipping name

None

14.3. Transport hazard classes

None

14.4. Packaging group

None

14.5. Environmental hazards

None

14.6. Special precautions for traffic

None

14.7. Transport in bulk according to Annex II of MARPOL 73/79 in accordance with the IBC Code

None

14.8. Notes

No dangerous goods in the sense of the transport regulations.

15. Legislation

15.1. Safety, health and environmental regulations/legislation specific for the mixture

GHS labelling according to 1272/2008 (GHS/CLP):



Warning

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15.2. Safety assessments

Safety assessments for substances in this preparation have not been carried out.

16. Other information

Applicable EC directives:

- Preparations Directive (1999/45/EC), last amended by Directive 2006/8/EC
- Substances Directive (67/548/EEC), last amended by Directive 2006/121/EC.
- REACH Regulation (EC) No 1907/2006, as last amended by the REACH Regulation
- (EU) No 2020/878.

Restriction of use recommended by the manufacturer:

For commercial use only - not a product for the general public.

H-phrases referred to in sections 2 and 3

H-/P-phrases:	Definition:
H317	May cause allergic skin reactions

Safety data sheet
[in accordance with Regulation (EC) No. 2020 / 878]

Changes compared to the last version:

Adjustments in accordance with REACH Regulation (EC) 2020/878

Data sheet issuing area:

Dr rer. nat. Wolfgang Willmann (Tel: 0 41 23 - 92 25 0)

Other notes:

Sources:

1 <http://www.baua.de>

2 <http://www.arbeitssicherheit.de>

Some of the information provided here and the resulting conclusions originate from sources that were not determined from direct test data of the product itself. were.

The contents and format of this safety data sheet comply with Regulation (EU) No. 2020 / 878 of the EU Commission.

Warranty limitations:

The information in this safety data sheet has been obtained from sources believed to be reliable. However, this information is provided without any express or implied warranty as to its accuracy.

The conditions or methods of handling, storage, use or application of the disposal of this product are beyond our control, and may be beyond our control. of our knowledge.

For this and other reasons, we expressly assume no responsibility for loss, damage to the product, or other costs incurred in connection with

The product is not intended for use, storage or disposal.

This safety data sheet has been prepared specifically and expressly for this product only and should only be used for this purpose.

If this product is used as a component of another product, these are

Information not applicable.