

Safety Data Sheet
according to 1907/2006/EC, Article 31

Date of issue: 08.06.2020
Printing date: 11.06.2020

Version: 1

1. Identification of the substance/mixture and of the company/undertaking

Product Identifier

Trade name: Löffelplatten LC

Use of the preparation: Dental product

Details of the supplier of the safety data sheet:

Manufacturer/supplier:

First Scientific Dental GmbH

25335 Elmshorn

Germany

info@first-scientific.de

Emergency telephone number:

+49 4121 483-0

Distributor:

Plandent OY

Asentajankatu 6

FI-00880 Helsinki - Finland

2. Hazards identification

Classification of the substance or mixture:

Classification according to Regulation (EC) No 1272/2008:

Skin Irrit. 2, H315 Causes skin irritation

Eye Irrit. 2, H319 Causes serious eye irritation

STOT SE 3, H335 May cause respiratory irritation

Information concerning particular hazards for human and environment:

The product has to be labeled due to calculation procedure for the "General Classification guideline for preparations of the EU" in the latest version.

Label elements

Labeling according to Regulation (EC) 1272/2008:

Hazard pictograms



Signal word

Warning

Hazard statements

H315 Causes skin irritation

H319 Causes serious eye irritation

H335 May cause respiratory irritation

Precautionary statements

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Labeling according to EU guidelines:

Medical devices as defined in Directive 93/42/EEC and which are invasive or used in direct physical contact with the human body; are exempted from the provisions of Regulation (EC) No. 1272/2008 (CLP/GHS) usually if they are in the finished state and intended for the final user.

Other hazards

Results of PBT and vPvB assessment

PBT: not applicable

vPvB: not applicable

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3. Composition/Information on Ingredients

Chemical characterization:
Description:

Light curing custom tray material based on esters of acrylic acids and glass fillers

Hazardous components:

607-133-00-9 (Index No.) Acrylic acid ester GHS07, H315, H319, H335

4. First-aid measures

General information: Seek medical advice, if symptoms occur, which can be caused by the product

after skin contact: wash with plenty of water and soap

after inhalation: fresh air

after eye contact: Rinse opened eye for several minutes under running water and consult a doctor

after swallowing: If symptoms persist, consult a physician.

5. Fire fighting measures

Extinguishing media:

CO2, powder, water spray, foam.

Use extinguishing method and media suitable to surrounding fire.

Special hazards arising from the substance or mixture No further relevant information available

Protective equipment Wear self-contained respiratory protective equipment

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:
Environmental precautions:

Do not allow to enter drains/surface water/ ground-water.

Methods for cleaning up:

Take-up mechanically. Clean up affected area.

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

7. Handling and storage

Handling:

This product should only be supplied or handled to dentists or dental technicians or upon their instructions.

Precautions for safe handling: Observe normal care for working with chemicals

Information about fire and explosion protection: -

Storage: Store at a dry place, protected from light. Storage temperature <25°C.

Requirements at storerooms and containers: Store only in the original containers

Further information on storage conditions:

Store away from food stuffs.

Specific end uses: No further relevant information available

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8. Exposure controls/personal protection

Components with limits of values to be supervised at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace

Additional information: The lists valid during the making were used as basis

Personal protective equipment:

General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Keep away from foodstuffs and beverages. Avoid contact with eyes or skin

Hand protection

Protective gloves.

Due to missing tests no recommendation to the glove material can be given for the product.

Eye protection: safety glasses

Respiratory protection: -

9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance

Form:	kneadable stiff paste		
Color:	various		
Odor:	characteristic		
	<u>Value</u>	<u>Unit</u>	<u>Method</u>

Safety relevant basic data

Melting point/melting range:	n.a.
Boiling point/boiling range:	n.a.
Flash point:	n.d.
Ignition temperature:	no information available
Danger of explosion:	none (non volatile)
Density:	1.84 g/cm ³
Vapor pressure:	n.a.
pH:	neutral
Solubility in/miscibility with:	partially in isopropyl alcohol, soluble in ethyl acetate
Water:	insoluble
Content of solvents:	
Organic solvents:	none

10. Stability and reactivity

Thermal decomposition / conditions to be avoided

Possibility of hazardous reactions: no information available

Conditions to avoid: heat, direct sunlight and radical starters. The product is stable by proper use.

Hazardous decomposition products: none by proper use.

