
Safety Data Sheet

according to EC directive 91/155/EEC

Date of issue 08.02.99

Tray material Servo-Dental Labline

Page 1/3

1. Identification of the substance/Preparation and the Company:

Product identification:	Custom tray material
Company identification:	Servo-Dental Labline Rademacher & Dörken OHG Rohrstraße 30 · 58093 Hagen-Halden Tel. (+49)(0)2331-9583-0 · Fax. (+49)(0)233 1-958325

2. Composition/Information on ingredients:

Light-curing tray material, based on acrylated oligomers and glass fillers

3. Hazard Identification:

Irritating to eyes, respiratory system and skin

4. First aid measures:

on skin contact:	wash with soap and water
on eye contact:	rinse thoroughly under running water with eyelids held open, consult an eye specialist
on ingestion:	seek medical advice

5. Fire-fighting measures:

Suitable extinguishing media:	foam, dry chemicals, carbon dioxide, water spray
Unsuitable extinguishing media for safety reasons:	none known
Particular endangering by the material itself or by formation of products or gas if burnt:	if burned, formation of carbon dioxide and carbon monoxide
Special protective equipment for fire-fighting:	The usual measures for fighting chemical fires, i.e. independent breathing mask.

6. Accidental release measures:

Precautionary measures to people:	not required
Environment protective measures:	Do not pour uncured material into sewerage system.
Methods of cleaning/adsorption:	Removing of stains of uncured material possible with isopropanol-drained cloth. Cured material which consists mainly of glass particles in acrylated oligomeres, handle as synthetic waste.

7. Handling and storage:

Handling:	Follow usual safety procedures for handling chemicals.
Storage:	Keep trays cool, dry and protected from light in closed containers.

Safety Data Sheet

according to EC directive 91/155/EEC

Date of issue 08.02.99

Tray material Servo-Dental Labline

Page 2/3

8. Exposure controls/personal protection:

Personal protective equipment

General protective measures:	avoid contact with eyes and skin
Respiratory protection:	not required
Eye protection:	Safety glasses
Hand protection:	Rubber gloves

9. Physical and chemical properties:

Appearance:	kneadable modelling mass
Colour:	depending on colouring: colourless (yellowish), blue, green, pink
Odour:	characteristic
pH-value:	not applicable
Flash point:	> 150°C (> 302°F)
Density:	1,880 g/cm ³ (20°C/68°F)
Solubility in water:	at 20°C (68°F) practically insoluble
Acetic acid ester:	soluble
Isopropanol:	partly soluble

10. Stability and reactivity:

Conditions to avoid:	to prevent premature polymerization, protect the material from heat, direct sunlight and UVA-light
Substances to avoid:	product will polymerize in contact with radical formers.
Hazardous decomposition products:	none under normal conditions of storage and use

11. Toxicological information:

abgeschätzt anhand der Inhaltsstoffe:

Ingestion:	acute toxicity: > 60000 mg/kg, species rat
Skin contact:	not irritant, species rabbit
Eye contact:	not irritant, time of exposure 24 h, species rabbit

12. Ecological information:

Stability and decomposition:	decomposition: not known
aquatic toxicity:	aquatic toxicity to fish: not known
further ecological information:	Do not release uncured material into soil, water or sewerage system.

Safety Data Sheet

according to EC directive 91/155/EEC

Date of issue 08.02.99

Tray material Servo-Dental Labline

Page 3/3

13. Disposal considerations:

Uncured material has to be disposed according to local authority regulations.

14. Transport information:

Road/Rail transport ADR/RID und GGVs/GGVE: does not apply

Inland waterways ADN/ADNR: does not apply

Sea transport IMDG/GGVSee: does not apply

Air freight ICAO-TI und IATA-DGR: does not apply

No dangerous material according to regulations of dangerous goods.
Keep away from food.

15. Regulatory information:

Classification according to GeStoffV/EG: Product requires classification, contains acrylated oligomers

Hazard symbols: Xi irritant

Risk-phrases: 36/37/38, irritating to eyes, respiratory system and skin

Safety-phrases: 26 after contact with eyes, rinse immediately with plenty of water and seek medical advice

28.2 after contact with skin, wash immediately with plenty of water and soap

National regulations

Classification of water endangering: class 2 (self-classification)

Waste code: 55373 (other not halogenated organic solvents)

16. Other information:

The product is delivered stabilized and keeps at least 3 years.
After substantially exceeding of this time or under thermal influence, (do not store over 25°C/77°F) it can, however, polymerize with formation of heat.

Information is given according to our stand of knowledge, literature and experience and cannot be fully complete.

Data are meant to enhance safety information and are no assurance of properties.
