

# Material Safety Data Sheet

according to (EC) No. 1907/2006/EC

Revision:05

Revision Date: 22.08.2024

Print Date : 25.08.2017



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

### 1.1. Product identifier

Novaseal – Light Cure Lining Material

#### Details of the supplier of the safety data sheet

**Company Name:** President Dental GmbH

**Street:** Kesselbodenstrasse 5

**Zip-Code / Town/ Country:** 85391 , Allershausen, Germany

**Contact for technical information:** +49 (0) 230 39228772

**Phone / Fax / E-Mail:** +49 (0) 8166 389 9 820 / +49 (0) 8166 389 9 821 / info@presidentdental.com

### 1.2. Emergency Telephone Number


+49 (0) 8166 389 9 820 (8.00 am – 4.30 pm Mon-Fri)

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

According to Regulation (EC) No. 1272/2008:

### 2.2 Label Elements

By regulation of (EG) No 1272/2008	
	H319 (Causes serious eye irritation)H335 (May cause respiratory irritation) H315 (Causes skin irritation)
Additional hazard advices for human and environment	None
Labelling according to Regulation 1272/2008 (GHS/CLP)	
 Warning	H315 causes skin irritation P264 Wash...thoroughly after handling. P280 Wear protective gloves/Protective clothing/eye protection/face protection. P302+P352 IF ON SKIN: Wash with plenty of water/... P321 Specific treatment (see...on this label) P332+P313 If skin irritation occurs: get medical advice/attention P362+P364 Take off contaminated clothing and wash it before

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	reuse.
	<p>H319 causes serious eye irritation P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P337+P313 If eye irritation persists: Get medical advice/attention.</p> <p>H335 may cause respiratory irritation P271 Use only outdoors or in a well-ventilated area. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P312 Call a POISON CENTER/doctor/.../if you feel unwell. P403+P233 Store in a well-ventilated place. Keep container tightly closed. P405 Store locked up.</p>

## SECTION 3: Composition/information on ingredients

### Chemical Characterization

#### 3.1 Hazardous ingredients:

Stoff	Cas-Nr./EINECS-Nr./EG-Nr.	Gehalt (%)	Kennzeichnung
Glassionomerpulver		0-40%	H319, H335, H315
1,6-Hexandioldimethacrylate	CAS-Nr. 6606-59-3 EINECS-Nr. 229-551-7	0-10 %	H319, H335, H315, H411
Bisphenol-A-bis (hydroxypropylmethacrylat), Isomere	CAS-Nr. 1565-94-2	0-15 %	H319, H335
4-tert.-Butyl-N,N-dimethylaniline	CAS-Nr. 2909-79-7 EG-Nr. 220-824-6	0-0,10 %	H302, H312, H332, H319, H335, H315
Camphorquinone		0-0,10 %	H319, H335, H315

## SECTION 4: First aid measures

### 4.1. First Aid Measures

General Advices	Take off with product contaminated clothes.
After inhalation	Take person to fresh air. In the event of symptoms refer for medical treatment.

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<b>After skin contact</b>	Wash off skin with soap and water. Contact a physician if the skin is irritated.
<b>After eye contact</b>	Rinse eyes an efficient time. Contact ophthalmologist if irritation is persisting.
<b>After swallowing</b>	Seek medical advice immediately.

## SECTION 5: Fire Fighting Measures

### Suitable extinguishing agents:

Foam, extinguishing powder, carbon dioxide, water spray.

Adjust fire-fighting-measures to ambiance.

### For safety reasons unsuitable extinguishing media:

None known

### Particular danger through the product itself,its combustion products or gases

None

### Protective equipment for fire-fighters

Use conventional measures to combat chemical fires, that means use self-contained breathing apparatus (isolating-unit).

### Further information

None

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Arrange for fresh air.

### 6.2 Environmental precautions:

Do not drain into canalization.

### 6.3 Methods and material for containment and cleaning up:

Take up mechanically.

Apply to local services.

## SECTION 7: Handling and storage

### Handling:

The conventional precautions for works with chemicals are to be adhered.

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Wear overall while working.

## Hygiene measures

Keep away from food, drink and animal feedingstuffs. When using do not eat, drink or smoke. Take off contaminated clothing immediately. Avoid contact with skin and eyes.

## Information about fire- and explosion protection

None

## Storage conditions

Store coll, dry, protected against light and tightly closed.

Store in a well-ventilated place.

Storage time: 3 years if storage conditions will be kept

## SECTION 8: Exposure controls/personal protection

### Limit values for the exposition at work station and / or biological limit values

#### Work station limit values (AGW) Germany

PNCE and DNCL-Values as to be possibly worked out in a preparation safety report do not exist.

#### Personal protective equipment:

Pay attention of protection- and hygienic measures. Protection clothes must be stored separately. The usual precaution measures must be attended.

**Eye protection:** Wear protection goggles

**Hand protection:** Sensibilisation: Wearing of applicable protection gloves is recommended. (by experience of the past / literature) for example Ethiparat®-gloves for 5-10 minutes, application of No-touch-Technik, minimal-contact-techniques is recommended

**Body protection:** Wear business usual protection clothes.

**Other protection measures:** none

**Advices for hygienic at work station:** Comply business usual protection- and hygienic measures.

Preventive skin protection. Wash hands and skin after finishing work.

## SECTION 9: Physical and chemical properties

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## **Appearance**

**Appearance:**

**Colour**

**Odour/Flavour:**

Pasty  
yellowish,  
acrylates / methacrylates

## **Safety relevant data**

**Flash point:**

not determined  
(approx. > 100°C appreciated by the flash point of the ingredients)

**PH-value:**

not determined

**Vapor pressure :**

not determined

**Density:**

not determined

**Solubility in water:**

insoluble

## **SECTION 10: Stability and reactivity**

### **Conditions to avoid:**

Protect from heat, sunlight and influence of light.

Cures with exposure to UV light.

### **Substances to avoid**

Free radicals, reducing agents, heavy-metal ions.

### **Hazardous decomposition products**

In case of fire acrid acrylic fumes.

### **Further information**

None

## **SECTION 11: Toxicological information**

### **Acute toxicity**


### **Kinetic of the toxic reaction**

According the new Material Safety Data Sheet according to REACH, specifications about kinetic of the toxic reaction, metabolism of the substance and allocation of the substance in the human body must be mentioned at this place. Data for this is not available .

### **Further information**

By appropriate exposure and conventionally use and to our experiences and informations the product causes no hazardous effects..

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## SECTION 12: Ecological information

### General information

Fish toxicity: not applicable

Water organism: not applicable

Bacteria toxicity: not applicable

### Persistence and degradability

Duration: not applicable

Test method: not applicable

Evaluation: not applicable

### Further detail to ecology

Do not allow product to reach ground water, body of waters or sewage system.

### Bioaccumulation potential

No data available

### Effect of the determination of the PTB- and vPvB-Report

Endocrine disruption potential

If the material causes hormonal effects or prevents them is unknown to us.

## SECTION 13: Disposal considerations Substance / Preparation:

### Substance / Preparation

To dispose of accordingly with notice of the local regulations of authority.

Do not empty into drains.

### Disposal key according to AVV regulation

16 03 05 organic wastes containing dangerous substances

### Package

Packages that are not contaminated can be recycled.

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## SECTION 14: Transport information

### Landtransport ADR/RID and GGVS/GGVE:

Class: Not a dangerous good according to the transport regulations.

UN-Number: -

Classification code: -

Description of the good: Glass Liner

Packaging group: -

Hazard sheet: -

Symbol: -

### Rail transport RID

Class: Not a dangerous good according to the transport regulations.

Classification code: -

UN-Number: -

Packaging group: -

Hazard sheet: -

Symbol: -

### Inland water transport ADN

Class: Not a dangerous good according to the transport regulations.

Classification code: -

UN-Number: -

Packaging group: -

Hazard sheet: -

Symbol: -

### Maritime transport IMDG

Class: Not a dangerous good according to the transport regulations.

EmS: - Classification code: -

UN-Number: -

Packaging group: -

Hazard sheet: -

Symbol:

### Air transport IATA

Class: Not a dangerous good according to the transport regulations.

Packaging-Instruction (cargo) -

Packaging-Instruction (passenger) -

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UN-Number: -  
Packaging group: -  
Hazard sheet: -  
Symbol: -


## SECTION 15: Regulatory information

### 15.1 Classification of the substance or mixture:

According to Regulation (EC) No. 1272/2008:

### 15.2 Label elements

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	H319 causes serious eye irritation P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  P337+P313 If eye irritation persists: Get medical advice/attention.  H335 may cause respiratory irritation



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P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P312 Call a POISON CENTER/doctor/.../if you feel unwell.  
P403+P233 Store in a well-ventilated place. Keep container tightly closed.  
P405 Store locked up.

## Hazard decisive components

Contains: -

## Safety Assessments

Safety Assessments for substances in this preparation were not executed

## National Rules

Water Hazard Class 2 (Estimation on the basis of the ingredients)

## SECTION 16: Further information

Further applicable EG Guidelines	Guideline for preparation (1999/45/EC), at last changed by the guideline 2006/8/EC. Substance Guideline (67/548/EWG), at last changed by the guideline 2006/121 EC. REACH-Guideline (EC) No. 1907/2006
Manufacturer's suggested application restriction:	For dental use only
H-phrases on which is referred in chapter 2 and 3	R36/37/38 Irritating to eyes, respiratory system and skin
Changes compared to the last version	Change of GHS-Labeling Change of Composition/Information on Ingredients Change of Fire-fighting-measures Change of Handling and storage Change of Exposure Controls / Personal Protection Change of Physical and Chemical Properties Change of Toxicological Information Change of Ecological Information Change of Disposal Considerations

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