

## safety data sheet

### to product

## Plaster-Sept 1000 ml inkl. Spray bottle

### 1. Identification of the substance / preparation and company

#### Emergency number:

Tox Info Suisse, Freiestrasse 16, 8032 Zürich; Tox-Info Suisse: 145 (24h-operation); [info@toxinfo.ch](mailto:info@toxinfo.ch);  
**In case of emergency: Tel. 145;** (abroad: +41 44 251 51 51); information: +41 44 251 66 66

#### Company name:



abc dental ag

Gaswerkstrasse 6, 8952 Schlieren  
Tel. 044 755 51 00, Fax 044 755 51 01



Condor Dental Research CO Sàrl

Ch. des Ciberles 2, CP 300, 1896 Vouvry  
Tel. 024 482 61 61, Fax 024 482 61 69



Curaden AG Dentaldepot

Riedstrasse 12, 8953 Dietikon  
Tel. 041 319 45 00, Fax 041 319 45 90



dema dent AG

Furtbachstrasse 16, 8107 Buchs  
Tel. 044 838 65 65, Fax 044 838 65 66



Flexdental Services SA

Route de la Corniche 1, 1066 Epalinges  
Tel. 0848 336 825, Fax 021 907 67 02



Jordi Röntgentechnik AG

Dammstrasse 70, 4142 Münchenstein  
Tel. 061 417 93 93, Fax 061 417 93 94



Kaladent AG

Schachenstrasse 2, 9016 St. Gallen  
Tel. 071 282 80 80, Fax 071 282 80 81



Lometral AG

Binzenholzstrasse 20, 5704 Egliswil  
Tel. 062 775 05 05, Fax 062 775 33 07



Novadent AG

Sägereistrasse 17, 8152 Glattbrugg  
Tel. 044 880 20 20, Fax 044 811 04 40



Smart Dentist AG

Verenastrasse 4b, 8832 Wollerau  
Tel. 044 726 20 20, Fax 044 726 20 25



## 1 Identification of the mixture/substance and of the company

### 1.1 Product identifier

Trade name: **Plaster Sept, Siliconid, Waxil**

Article number: Article number starting with F35, F36, F37

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

Relevant identified uses: mixture for isolation of plaster against plaster in Dent Label calibration

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

#### Manufacturer/Supplier:

Novodent Ets.  
Industriestrasse 32  
9487 Bendern  
Principality of Liechtenstein

Tel: +423 377 15-00, Fax: +423 377 15-09, Email: [msds@novodent.com](mailto:msds@novodent.com)

### 1.4 Emergenx telephone number

+423 377 1500 ( Novodent Ets.)

## 2 Hazards identification

### 2.1 Classification of the substance or mixture according to (EC) Nr. 1272/2008

Drowsiness.dizzi H336, Eye.irrit.2 H319, Flam. Liq. 2 H225, eye.damage H318

### 2.2 Labelling according to regulation (EC) Nr.1272/2008

Pictograms and signal word



Signal word: Danger

#### Hazard-determining components of labelling:

Isopropylalkhohol



#### **Hazard statements**

H319	Causes severe eye irritation
H317	May cause an allergic skin reaction.
H315	Causes skin irritation
H225	Highly flammable liquid and vapor
H318	Causes severe damage to eyes cat. 1

#### **Precautionary statements**

P101	Keep out of reach of children
P280	Wear protective gloves / protective clothing / eye protection / face protection
P262	Not in the eyes, on skin, or on clothing.
P261	Do not breathe dust / fume / gas / mist vapor / spray.
P501	Dispose of contents / container in accordance with local regional rules
P210	Keep away from heat / sparks / open flames / hot surfaces. Do not smoke
P303	On contact with eyes:
P361	All spot, take off immediately all contaminated clothing.
P353	Rinse skin with water / shower

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### **2.3 Other hazards**

Particular danger of slipping on leaked/spilled product.



### 3 Composition / information on ingredients

#### 3.1 Substances

This product is a mixture

#### 3.2 Mixtures: Composition / information on ingredients

CAS Nr.: 67-63-0	Isopropylalkhohol <u>Classification according to regulation (EC)Nr.1272/2008</u> Drowsiness.dizzi H336, Eye.irrit.2 H319, Flam. Liq. 2 H225	60-95%
CAS Nr.: N/A	Aqueous solution of alkyl aryl <u>Classification according to regulation (EC) Nr.1272/2008</u> Eye.damage H318, Skin.irrit H315	15-40%

### 4 Erste-Hilfe-Massnahmen

#### 4.1 Beschreibung der Erste-Hilfe-Massnahmen

##### Allgemeine Hinweise

Bei Auftretung von Gesundheitsstörungen Arzt hinzuziehen.

##### After inhalation

Supply fresh air and to be sure call for a doctor.

##### After skin contact

Rinse with wather. If skin irritation continues, consult a doctor.

##### After eye kontakt

Rinse open eye for several minutes under running water. If symptoms persist, consult a doctor.

##### After swallowing

Rinse out mouth and then drink plenty of water. If symptoms persist consult a doctor.



#### 4.2 Important acute and delayed symptoms and effects

Nothing is known.

#### 4.3 Indication of any immediate medical attention and special treatment

No further relevant information available

### 5 Firefighting measures

#### 5.1 Extinguishing media

##### Suitable extinguishing media

CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

##### For safety reasons unsuitable extinguishing agents

Water with pre-jet

#### 5.2 Special hazards arising from the substance or mixture

No

#### 5.3 Advice for firefighters

Cool endangered containers with water

### 6 Massnahme bei unbeabsichtigter Freisetzung

#### 6.1 Personenbezogene Vorsichtsmassnahmen, Schutzausrüstung und Notfallverfahren

Use protective equipment as per section 8. Keep away unprotected persons

#### 6.2 Environmental protection

Do not allow to enter sewers/ surface or ground water.

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

Soak up with absorbent material (sand, diatomite, acid binders, universal binders, sawdust) and provide adequate Ventilation

#### 6.4 Reference to other sections

See section 7,8 for information on personal protection equipment and safe handling.



## 7 Handling and storage

### 7.1 Precautions for safe handling

#### Advice on safe handling

Only adequately trained personal should handle this product. For use in dentistry only

#### Information about fire and explosion protection

Keep ignition sources away - Do not smoke and take measures against electrostatic charging

### 7.2 Condition for safe storage, including any incompatibilities

#### Requirements for storage rooms and vessels

No special measures required.

#### Advice on storage compatibility

Store only in original receptacle.

#### Further information on storage conditions

Protect from heat and direct sunlight.

#### Storage class VbF

Not applicable

### 7.3 Specific end use(s)

For more information, please refer to our instructions for use.

## 8 Limitation and supervision of exposure / personal protective equipment

### 8.1 Control parameters

Components with workplace control parameters to	
Isopropylalkohol CAS 67-63-0	
TWA ( Europa )	200 ppm; 500 mg/m <sup>3</sup> 2 (II) (Resorptiv wirksame Stoffe) Senatskommission zur Prüfung gesundheitsschädlicher Arbeitsstoffe der DFG (MAK-Kommission)



	Ein Risiko der Fruchtschädigung braucht bei Einhaltung des Arbeitsplatzgrenzwertes und des biologischen Grenzwertes (BGW) nicht befürchtet zuwerden
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## 8.2 Exposure controls and personal protection

### Additional information about design of technical plant

No further data, show section 7

### Additional note

The list valid during the making serve as a basis.

### Personal protective equipment

#### General protection and hygiene measures

Usual hygienic measures for dental practice. Keep away from foodstuffs, beverages and feed.

Wash hands before breaks and at the end of work. Avoid contact with the skin and eyes

#### Respiratory protection

Required when vapors / aerosols. Recommended Filter type: Filter A.

The operator has to ensure that maintenance, cleaning and testing of respiratory protective devices are carried out according to the instructions of the manufacturer and documented accordingly.

#### Protection hands

Disposable gloves butyl rubber, layer thickness 0,7mm, permeation (min) >480

Disposable gloves nitrile rubber, layer thickness 0,4mm, permeation (min) >120

The exact break trough time has to be requested from the protective hemp shoe manufacturer and must be observed.

#### Eye protection

Use safety glasses with side-shields conforming EN 166:2001

## 9 Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

**Form:** liquid

**Farbe:** according to product specification

**Geruch:** characteristic

#### Value / Unit method

#### Change in condition

**Melting point / Melting range**

-88°C (-54,4°F)

**Boiling point / Boiling range**

82-83°C (213,8°F)

**Flash point:**

12°C (50°F)

**Ignition temperature:**

465°C (806°F)

**Self-igniting:**

No data available

**Explosion limits:**

lower: 2%(V); 50g/m



**Density by 20°C:**  
**Solubility in / Miscibility with water**  
**Solvent content: organic solvent:**  
**Solids content:**

uper: 12%(V); 300g/m  
No data available  
100%  
No data available  
0,000 %

## 9.2 Other information

No

## 10 Stability and reactivity

### 10.1 Reactivity

Fumes can combine with air to form an explosive mixture

### 10.2 Chemical stability

Stable under normal handling and storage conditions.

### 10.3 Possibility of hazardous reactions

Risk of ignition or formation of inflammable gases or vapors with: Strong oxidizing agents

Exothermic reaction with: amine polymerization, ammonia

Risk of explosion with: aldehydes

### 10.4 Zu vermeidende Bedingungen

Warming. As critical 15 Kelvin below the flash point is to be evaluated. Light Expostion.

### 10.5 Incompatible materials

Rubber, various plastics

### 10.6 Hazardous decomposition products

No

## 11 Toxicological information

### 11.1 Information on toxicological effects

#### Acute oral toxicity

Schleimhautirritationen in the mouth, throat, esophagus and gastrointestinal tract.

#### Irritation

Irritating to skin, eyes and mucous membranes





**Corrosivity**

No

**Sensitization**

Skin contact may sensitization.

**Repeated dose toxicity**

Not tested

**Carcinogenicity**

Not tested

**Mutagenicity**

Not tested

**Reproductive toxicity**

Not tested

**More information**

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for preparations as issued in the latest version: irritant

## 12 Ecological information

### 12.1 Toxicity

Acute toxicity: practically non toxic: For fish, aquatic invertebrates, algae and micro-organisms:  
LL / EL / IL 50 > 100 mg / l.

### 12.2 Persistence and degradability

Abiotic degradation: fast photochemical oxidation in the air. Biodegradation: Within 10 days readily biodegradable. The product is easily biodegradable. Behaviour in sewage plant: In activated sludge: 100% / 4d (anaerobic conditions; Warburg respirometer)

### 12.3 Bioakkumulationspotenzial

No bioaccumulation is to be expected (log Pow <1). Bioconcentration factor: 3 (calculated BCFWIN v2.17)

### 12.4 Mobility in soil

Get great quantities into the soil, the groundwater can be damaged. Volatility: Dissolves in water indefinitely.



Disappears within a day by evaporation or dissolution.

### 12.5 Results of PBT and vPvB assessment

Not applicable.

### 12.6 Other adverse effects

Do not flush into surface waters, wastewater or soil.

## 13 Disposal considerations

### 13.1 Waste treatment methods

#### Recommendation

Observed when handling product or containers in Section 7.1. Of product remains in compliance with the To dispose of waste Directive 2008/98 / EC and national and regional regulations. hazardous waste according to European Waste Catalogue (EWC). If recycling is not possible, waste must under Compliance with local regulations be eliminated. Small quantities in containe give organic residues. Collection containers are clearly her with the systematic name to label contents, to be provided with hazard pictograms and the responsible disposal center to pass. Recommendation: Special waste incineration with government approval. Not in the environment, allow to enter drains or watercourses. Waste materials shall not in soil or water reach. Must not be disposed together with household garbage. It is the responsibility of the waste generator, the proper waste classification and disposal methods in input determine compliance with the applicable regulations

#### Waste key

not determined

#### Packaging

#### Contaminated packaging

Disposal according to offical regulations

#### Open rinsed packaging

Can be disposed of with household waste after venting

## 14 Angaben zum Transport

### 14.1 UN-Number

1219

### 14.2 Properly UN shipping name

#### ADR-RID Landtransport

UN1219 ISOPROPANOL (ISOPROPYLALKOHOL)



**IMDG-Code Seeschiffstransport**

UN1219 ISOPROPANOL (ISOPROPYLALKOHOL)

**ICAO-TI / IATA-DGR Lufttransport**

UN1219 ISOPROPANOL (ISOPROPYLALKOHOL)

**14.3 Transport hazard class**

**ADR-RID**



**Class:** Flammable liquids  
**Lable:** 3

**IMDG**



**Class:** Flammable liquids  
**Lable:** 3

**IATA**



**Class:** Flammable liquids  
**Lable:** 3

**14.4 Packaging group**

III (Substances presenting middl danger)

**14.5 Environmental hazards**

Water hazard class WGK 1 (Self-assessment: slightly hazardous for water)

**14.6 Special precautions for user**

Show section 6-8

**14.7 Transport in bulk**

Not applicable



## 14.8 Transport / Additional information

Mail not or only to a limited extent. Note post special provisions.

### ADR:

Excepted quantities:	E2
Limited quantities (LQ):	1L
Transport category:	2
Tunnel restriction code:	E
UN „Model Regulation“	UN 1247, Methylmethacrylat, monomer, stabilisiert, 3 II

## 15 Rechtsvorschriften

### 15.1 Vorschriften zu Sicherheit, Gesundheits- und Umweltschutz/spezifische Rechtsvorschriften

#### **Kennzeichnung nach EWG-Richtlinien**

Kennzeichnung nach EG-Richtlinie 93/42EWG für Medizinprodukte:

Das Produkt ist nach EG-Richtlinien/GefStoffV eingestuft und gekennzeichnet.

Die beim Umgang mit Chemikalien üblichen Vorsichtsmassnahmen sind zu beachten

#### **National regulations**

#### **Employment restrictions VbF**

Not applicable

#### **Water hazard class**

WGK 1 (Self-assessment): slightly hazardous for water

### 15.2 Material safety assessment

#### **EU regulations**

Störfallverordnung 96/82 / EC

Flammable. 6 Volume 1: 5,000 t, Volume 2: 50,000 t



## 16 Other information

Training records: teachings on hazards and protective measures to hand the operating instructions for liquid methyl methacrylate. The training must be provided before the start of employment and at least annually there after and documented.

Training instructions: instructions about hazards and protective measures used at hand, operating instructions for liquid methyl methacrylate. The workout shall be before the start of employment and thereafter at least Annually and Documented.

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features an shall not establish a legally valid contractual relationship.

Safety data sheet creation of

**NOVODENT ETS. Industriestrasse 32, 9487 Bendern, Principality of Liechtenstein**