



1 Identification of the mixture/substance and of the company

1.1 Product identifier

Trade name: **NOVOdon Powder**

Article number: Article number starting with F01

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

Relevant identified uses: Mixture for the production of dental restorations

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

1.4 Emergenx telephone number

+423 377 1500 (Novodent Ets., 9492 Eschen, Fürstentum Liechtenstein)

2 Hazards identification

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

All.irrit H317

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

Pictograms and signal word



Signal word: Attention

Hazard-determining components of labelling:

No



Hazard statements

H317 May cause an allergic skin reaction.

Precautionary statements

P101 Keep out of reach of children.

P280 Wear protective gloves / protective clothing / eye protection / face protection.

P262 Do you not get in eyes, on skin, or in clothing.

P261 Avoid breathing dust/fume/gas/mist/capours/spray.

P501 Dispose of contents in accordance with local/regional/international regulations.

2.3 Other hazards

Dust generation

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: 9011-14-7	Polymethylmethacrylate <u>Classification according to regulation (EC) Nr.1272/2008:</u> No	> 95%
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4 First aid measures

4.1 Description of first aid measures:

General information

In case of occurrence of health disorders doctor.

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 treatmen

No further relecant information available.



5 Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

For safety reasons unsuitable extinguishing agents

No

5.2 Special hazards arising from the substance or mixture

No

5.3 Advice for firefighters

No

6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use protective equipment as per section 8. Avoid formation of dust

6.2 Environmental protection

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

6.3 Methods and material for containment and cleaning up

Pick up mechanically.

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 personnel should handle this product. For use in dentistry only

Information about fire and explosion protection

No special measures required.



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	
Dibenzoyl peroxid CAS 94-36-0	
MAK (Switzerland)	Short-term value 5 e mg/m ³ Long-term value 5 e mg/m ³
MAK (Austria)	Short-term value 10 E mg/m ³ Long-term value 5 E mg/m ³
AGW (Germany)	5 E mg/m ³ 1(l); DFG

8.2 Exposure controls and personal protection

Additional information about design of technical plant

No further data, see 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

Use respiratory protective device against the effects of dust.

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: Powder

Farbe: According to product specification

Smell: Characteristic

Value / Unit method**Change in condition**

Melting point / Melting range

150°C (302°F)

Boiling point / Boiling range

not determined

Flash point:

250°C (482°F)

Self-igniting:

Product ist not selfigniting

Explosion limits:

Product does not present explosion hazard

Density:

ati 20°C (68°F) 1,2g/cm³

Solubility in / Miscibility with water

insoluble

Solvent content: organic solvent:

0,000 %

Solids content:

100,0 %

9.2 Other information

No

10 Stability and reactivity**10.1 Reactivity**

When used as directed, there is no decomposition

Thermal decomposition: >250°C (482°F) Hardardous decomposition products: can at elevated temperature



Decompose formation of potentially irritating vapors (methylmethacrylate)

10.2 Chemical stability

Stable under normal handling and storage conditions.

10.3 Possibility of hazardous reactions

No dangerous reactions known.

10.4 Conditions to avoid

No further information available.

10.5 Incompatible materials

No further information available.

10.6 Hazardous decomposition products

No

11 Toxicological information

11.1 Information on toxicological effects

There are no toxicological findings to the mixture.

Irritation

May irritate the skin. Irritating the 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

Aquatic toxicity: 1 (Listeneinstufung): low hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage systems.

12.2 Persistence and degradability

No further relevant information available.

12.3 Bioaccumulative

No further relevant information available.

12.4 Mobility in soil

No further relevant information available.

12.5 Results of PBT and vPvB assessment

Not applicable.

12.6 Other adverse effects

No data available.

13 Disposal considerations

13.1 Waste treatment methods

Recommendation

Take to an approved landfill or waste incineration plant, under conditions approved by the local authority.

Waste key

20 01 39 Acrylics

Packaging



Contaminated packaging

Disposal according to official regulations

Open rinsed packaging

Disposed in household waste

14 Transport information

14.1 UN-Number

Not applicable

14.2 Properly UN shipping name

ADR-RID Land transport

Not applicable

IMDG-Code Maritime

Not applicable

ICAO-TI / IATA-DGR Air transport

Not applicable

14.3 Transport hazard class

Not applicable

14.4 Packaging group

III (Substances presenting low 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



15 Legislation

15.1 Safety, health and environmental regulations / legislation specific

Labelling according to EU guidelines

The product is not subject to classification according to the calculation methods of the "General Classification Guideline for Preparations of the EC" as issued in the last version. The Product is not subject to identification regulations under EC Directives and the Ordinance on Hazardous Materials /GefStoffV). Observe the normal safety regulations when handling chemicals.

National regulations

Employment restrictions VbF

Not applicable

Water hazard class

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

15.2 Material safety assessment

The mixture was not subjected to safety assessment

16 Other information

The product is a medical device according to the EC-directive 93/42/EEC

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

Safety data sheet creation of

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