

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

FINOSIL 22 Duplicating Silicone

**REF** 14204 / 14205

Product group: Calciumverbindungen

**1.2. Relevant identified uses of the substance or mixture and uses advised against****Use of the substance/mixture**

Auxiliary for dental technology

**1.3. Details of the supplier of the safety data sheet**

Company name:	FINO GmbH	
Street:	Mangelsfeld 18	
Place:	D-97708 Bad Bocklet	
Telephone:	+49-97 08-90 94 20	Telefax: +49-97 08-90 94 21
e-mail:	info@fino.com	Internet: www.fino.com
Contact person:	Joachim Mahlmeister	Telephone: +49-97 08-90 94 20
e-mail:	info@fino.com	
Responsible Department:	This number can only be reached during our office hours, Monday to Friday from 8 a.m. to 5 p.m.	

**1.4. Emergency telephone number:**

+49-89-1 92 40  
POISON CENTER München  
24 hour(s) 7 day(s)

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture**

The substance is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

**2.2. Label elements****GB CLP Regulation****Special labelling of certain mixtures**

EUH210 Safety data sheet available on request.  
The usual precautionary measures are to be adhered to when handling chemicals.

**Additional advice on labelling**

Labelling according to Regulation (EC) No. 1272/2008 [CLP] void

**2.3. Other hazards**

"The product is liable to marking based on the evaluation procedure of the ""General Directive for Classification of Preparations of the EC"" in the lasted valid version."

**SECTION 3: Composition/information on ingredients****3.2. Mixtures****Chemical characterization**

Room temperature interlinking two-components silicone

**Hazardous components**

none (according to UK REACH Regulation)

**SECTION 4: First aid measures****4.1. Description of first aid measures**

**General information**

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

**After inhalation**

Provide fresh air.

The event of symptoms medical treatment.

**After contact with skin**

Wash with plenty of water. Immediately remove any contaminated clothing, shoes or stockings. Medical treatment necessary.

**After contact with eyes**

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Consult an ophthalmologist.

**After ingestion**

Let water be drunken in little sips (dilution effect).

Induce vomiting when the affected person is not unconscious. Call a doctor.

**4.2. Most important symptoms and effects, both acute and delayed**

No information available.

**4.3. Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**

Co-ordinate fire-fighting measures to the fire surroundings.

**Unsuitable extinguishing media**

Water, Extinguishing powder, Hydrogen halide

**5.2. Special hazards arising from the substance or mixture**

Non-flammable. Vapours can form explosive mixtures with air.

**5.3. Advice for firefighters**

In case of fire: Wear self-contained breathing apparatus.

**Additional information**

Use water spray jet to protect personnel and to cool endangered containers.

Suppress gases/vapours/mists with water spray jet.

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures****General advice**

Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes. Use personal protection equipment.

**For non-emergency personnel**

Emergency procedures

Remove persons to safety. Remove victim out of the danger area.

The danger areas must be delimited and identified using relevant warning and safety signs.

**For emergency responders**

Use personal protection equipment.

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

**6.2. Environmental precautions**

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

**6.3. Methods and material for containment and cleaning up**

**Other information**

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

**6.4. Reference to other sections**

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

**SECTION 7: Handling and storage****7.1. Precautions for safe handling****Advice on safe handling**

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray.

**Advice on protection against fire and explosion**

No special fire protection measures are necessary.

**Advice on general occupational hygiene**

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

Remove contaminated, saturated clothing immediately.

Draw up and observe skin protection programme.

Wash hands and face before breaks and after work and take a shower if necessary.

When using do not eat or drink.

**Further information on handling**

No special handling advices are necessary.

**7.2. Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

Keep container tightly closed. Keep locked up. Store in a place accessible by authorized persons only. Provide adequate ventilation as well as local exhaust at critical locations.

**Hints on joint storage**

Do not store together with: Acid, Alkali (lye), Alcohols, Powdered metals, Corrosive to metals.

**Further information on storage conditions**

Store only in original container. Store in cool, dry conditions in well sealed receptacles. Store apart from food.

**7.3. Specific end use(s)**

Consumable for dental surgery and dental laboratory.

Only by qualified personnel in dental surgery or dental laboratory.

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Additional advice on limit values**

The lists valid during the making were used as basis.

**8.2. Exposure controls****Appropriate engineering controls**

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe dust/fume/gas/mist/vapours/spray.

**Individual protection measures, such as personal protective equipment****Eye/face protection**

Wear eye/face protection.

**Hand protection**

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the

specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Breakthrough times and swelling properties of the material must be taken into consideration.

Suitable material: NBR (Nitrile rubber)

**Skin protection**

Wear suitable protective clothing.

**Respiratory protection**

In case of inadequate ventilation wear respiratory protection.

**Environmental exposure controls**

Prevent from reaching waters or soil.

**SECTION 9: Physical and chemical properties**
**9.1. Information on basic physical and chemical properties**

Physical state:	Liquid	
Colour:	different, depending on colouration	
Odour:	characteristic	
		<b>Test method</b>
<b>Changes in the physical state</b>		
Melting point/freezing point:	not determined	
Boiling point or initial boiling point and boiling range:	>300 °C	
Softening point:	not applicable	
Flash point:	>130 °C	
<b>Flammability</b>		
Solid/liquid:	not determined	
<b>Explosive properties</b>		
not explosive.		
Lower explosion limits:	---	
Upper explosion limits:	---	
Auto-ignition temperature:	>400 °C	
<b>Self-ignition temperature</b>		
Solid:	Product is not selfigniting.	
Gas:	not applicable	
Decomposition temperature:	not determined	ASTM D 2879-86
pH-Value:	not determined	
Viscosity / dynamic:	not determined	
Water solubility:	practically insoluble	
<b>Solubility in other solvents</b>		
not determined		
Partition coefficient n-octanol/water:	not applicable	
Vapour pressure:	< 10 hPa	
(at 20 °C)		
Density (at 20 °C):	1,4 g/cm <sup>3</sup>	
Relative vapour density:	not determined	

**9.2. Other information**
**Information with regard to physical hazard classes**

Sustaining combustion:

No data available

Oxidizing properties

Not oxidising.

Product is not selfigniting.

Product is not explosive.

**Other safety characteristics**

Solvent content:

Organic solvents: -, %

Maximum VOC content: - %

Solid content:

not applicable

Evaporation rate:

not determined

**Further Information****SECTION 10: Stability and reactivity****10.1. Reactivity**

No hazardous reaction when handled and stored according to provisions.

**10.2. Chemical stability**

The product is stable under storage at normal ambient temperatures.

**10.3. Possibility of hazardous reactions**

Reacts with : Acid, Alkali (lye), Alcohols, Powdered metals, Corrosive to metals.

Release of: Hydrogen

**10.4. Conditions to avoid**

Temperature &gt; 150°C

**10.5. Incompatible materials**

Reacts with : Acid, Alkali (lye), Alcohols, Powdered metals, Corrosive to metals.

**10.6. Hazardous decomposition products**

With thermal decomposition hydrogen is released. In the presence of air at temperatures of approx. 150 °C small quantities of formaldehyde can be formed through oxidative degradation.

**SECTION 11: Toxicological information****11.1. Information on hazard classes as defined in GB CLP Regulation****Acute toxicity**

Based on available data, the classification criteria are not met.

Toxicological data are not available. The statement is derived from products of similar structure or composition.

**Irritation and corrosivity**

Based on available data, the classification criteria are not met.

**Sensitising effects**

Based on available data, the classification criteria are not met.

**Carcinogenic/mutagenic/toxic effects for reproduction**

Based on available data, the classification criteria are not met.

**STOT-single exposure**

Based on available data, the classification criteria are not met.

**STOT-repeated exposure**

Based on available data, the classification criteria are not met.

**Aspiration hazard**

Based on available data, the classification criteria are not met.

**Specific effects in experiment on an animal**

Toxicological analyses are not available.

**Additional information on tests**

No data available.

**Practical experience**

No special references.

**11.2. Information on other hazards****Other information**

No special precautionary measures.

**SECTION 12: Ecological information****12.4. Mobility in soil**

The product has not been tested.

**12.5. Results of PBT and vPvB assessment**

The substances in the mixture do not meet the PBT/vPvB criteria according to UK REACH.

**12.6. Endocrine disrupting properties**

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

**12.7. Other adverse effects**

No information available.

**Further information**

Avoid release to the environment.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Disposal recommendations**

Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation.

**Contaminated packaging**

This material and its container must be disposed of as hazardous waste. Handle contaminated packages in the same way as the substance itself.

**SECTION 14: Transport information****Land transport (ADR/RID)**

<b>14.1. UN number or ID number:</b>	UN 0000
<b>14.2. UN proper shipping name:</b>	No dangerous good in sense of this transport regulation.
<b>14.3. Transport hazard class(es):</b>	No dangerous good in sense of this transport regulation.
<b>14.4. Packing group:</b>	No dangerous good in sense of this transport regulation.

**Inland waterways transport (ADN)**

<b>14.1. UN number or ID number:</b>	UN 0000
<b>14.2. UN proper shipping name:</b>	No dangerous good in sense of this transport regulation.
<b>14.3. Transport hazard class(es):</b>	No dangerous good in sense of this transport regulation.
<b>14.4. Packing group:</b>	No dangerous good in sense of this transport regulation.

**Marine transport (IMDG)**

<b>14.1. UN number or ID number:</b>	UN 0000
<b>14.2. UN proper shipping name:</b>	Not a hazardous material with respect to transportation regulations.
<b>14.3. Transport hazard class(es):</b>	No dangerous good in sense of this transport regulation.
<b>14.4. Packing group:</b>	No dangerous good in sense of this transport regulation.

**Air transport (ICAO-TI/IATA-DGR)**

<b>14.1. UN number or ID number:</b>	UN 0000
<b>14.2. UN proper shipping name:</b>	Not a hazardous material with respect to transportation regulations.
<b>14.3. Transport hazard class(es):</b>	No dangerous good in sense of this transport regulation.

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**14.4. Packing group:**

No dangerous good in sense of this transport regulation.

**14.5. Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: No

**14.6. Special precautions for user**

No special measures are necessary.

**14.7. Maritime transport in bulk according to IMO instruments**

No special precautionary measures.

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulatory information**

2004/42/EC (VOC): no classification  
Information according to 2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III)  
Additional information: 0

**Additional information**

The product is classified and labelled according to EC directives or corresponding national laws.  
Classification according to Regulation (EC) No 1272/2008 [CLP]

**National regulatory information**

Water hazard class (D): 1 - slightly hazardous to water

**Additional information**

Betriebssicherheitsverordnung (BetrSichV) ---  
No further data.

**15.2. Chemical safety assessment**

Chemical safety assessments for substances in this mixture were not carried out.

**SECTION 16: Other information****Changes**

\* Data changed compared with the previous version.

**Abbreviations and acronyms**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)  
IMDG: International Maritime Code for Dangerous Goods  
IATA: International Air Transport Association  
"ICAO-TI: Technical Instructions by the ""International Civil Aviation Organization"" (ICAO)"  
ICAO: International Civil Aviation Organization  
GHS: Globally Harmonized System of Classification and Labelling of Chemicals  
EINECS: European Inventory of Existing Commercial Chemical Substances  
ELINCS: European List of Notified Chemical Substances  
CAS: Chemical Abstracts Service (division of the American Chemical Society)  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent  
GHS: Globally Harmonized System of Classification and Labelling of Chemicals  
PBT: Persistent, Bioaccumulative and Toxic  
vPvB: very Persistent and very Bioaccumulative

**Relevant H and EUH statements (number and full text)**

EUH210 Safety data sheet available on request.

**Further Information**

The information is based on the present level of our knowledge. It does not, however, give assurance of

product properties and establishes no contract legal rights.

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*