

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

FINOSIL 15/ -F15 Duplicating Silicone A+B

REF 14200 / 14201 / 14213

Product group: Alkohole

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

Addition-curing duplicating silicone for the dental duplicating technique.

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.
	No information available.

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

No special measures are necessary.

After inhalation

Provide fresh air. Seek medical attention if problems persist.

After contact with skin

The product is not skin irritating.

After contact with eyes

In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart.

In case of troubles or persistent symptoms, consult an ophthalmologist.

After ingestion

If symptoms persist consult doctor. Do NOT induce vomiting.

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

No further relevant information available.

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

No further relevant information available.

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

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

Carbon dioxide (CO₂), Extinguishing powder, Water spray jet

In case of major fire and large quantities: Water spray jet alcohol resistant foam

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

No special measures are necessary.

Additional information

No further relevant information available.

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

Avoid contact with eyes.

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).

6.4. Reference to other sections

No dangerous materials are released.
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.
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 exhaustion 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

none

Betriebssicherheitsverordnung (BetrSichV) ---

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**

During filling, metering and sampling should be used if possible: Eye glasses

Hand protection

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality

and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

The precise time of rupture can be found out from the manufacturer of the protective gloves and must be observed.

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:	turquoise
Odour:	characteristic

Test method
Changes in the physical state

Melting point/freezing point:	not determined
Boiling point or initial boiling point and boiling range:	275 °C
Softening point:	not applicable
Flash point:	130 °C

Flammability

Solid/liquid:	not applicable
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Explosive properties

not explosive.

Lower explosion limits:	---
Upper explosion limits:	---
Auto-ignition temperature:	375 °C

Self-ignition temperature

Solid:	Product is not selfigniting. not applicable
Gas:	

Decomposition temperature:	> 180 °C	ASTM D 2879-86
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pH-Value:	not determined
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Viscosity / dynamic:	not determined
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Viscosity / kinematic:	not determined
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Water solubility:	practically insoluble
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Solubility in other solvents

not determined

Partition coefficient n-octanol/water:	not applicable
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Vapour pressure: (at 20 °C)	100 hPa
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Density (at 20 °C):	1,3 g/cm ³
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Relative vapour density:	not determined
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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 separation test: Organic solvents:
Solvent content: 0,0 %
Solid content: not determined
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 > 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

Based on our experiences and information the product does not cause harmful health effects if handled according to specifications and used according to indications.

Practical experience

No special references.

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

No special precautionary measures.

Further information

The product is not 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 12: Ecological information**12.1. Toxicity**

Environmental and ecotoxicological analyses of the product are not available.

12.2. Persistence and degradability

No further relevant information available.

12.3. Bioaccumulative potential

No further relevant information available.

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 effects known.

Further information

Water hazard class slightly hazardous to water

Don't let flow into the ground water, in waters or the sewage system undiluted resp. in larger quantities.

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

Dispose of waste according to applicable legislation.

Contaminated packaging

Dispose of waste according to applicable legislation.

Non-contaminated packages may be recycled.

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

14.1. UN number or ID number: UN 0000

14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.

14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.

14.4. Packing group: No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)

14.1. UN number or ID number: UN 0000

14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.

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14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.
14.4. Packing group: No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

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

Air transport (ICAO-TI/IATA-DGR)

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

National regulatory information

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

Additional informationBetriebssicherheitsverordnung (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

according to UK REACH Regulation

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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.)