

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

FINOPASTE S80 / S90 Silicone Putty

REF

15191 / 15191P / 15192 / 15193 / 15194

Product group: Siliciumdioxide, kristall

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

Silicone putty with medium final hardness.

Auxiliary for manufacture of dental process

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****GB CLP Regulation**

STOT RE 1; H372

Full text of hazard statements: see SECTION 16.

None if product is used according to specifications.

2.2. Label elements**Additional advice on labelling**

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

2.3. Other hazards

This mixture does not contain any substances which either present a health or environmental hazard according to Regulation (EC) No. 1272/2008 or have an occupational exposure limit assigned.

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

Product based on polyorganosiloxanes and inert mineral fillers.

Sum formula: SiO₂

Molecular weight: 60,08 g/mol

Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (GB CLP Regulation)			
14464-46-1	Cristobalite			25-<100%
	238-455-4			
	STOT RE 1, STOT RE 2; H372 H373			

Full text of H and EUH statements: see section 16.

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

No special measures are necessary.

After inhalation

Not required.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap.

After contact with eyes

If product gets into the eye, keep eyelid open and rinse immediately with large quantities of water, for at least 5 minutes. Subsequently consult an ophthalmologist.

After ingestion

Rinse mouth thoroughly with water.

Seek medical attention if problems persist.

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

No further data.

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

No specific information.

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

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

Unsuitable extinguishing media

Not known.

5.3. Advice for firefighters

No special measures are necessary.

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

No special measures are necessary.

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

No special measures are necessary.

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

No specific information.

6.4. Reference to other sections

See protective measures under point 7 and 8.

Treat the recovered material as prescribed in the section on waste disposal.

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

No special measures are necessary.

Advice on protection against fire and explosion

Usual measures for fire prevention.

Advice on general occupational hygiene

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

Wash hands before breaks and after work.

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**

Store at room temperature.

Through storage at or below room temperature the shelf life is extended.

Hints on joint storage

Not known.

7.3. Specific end use(s)

Auxiliary for manufacture of dental process

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

No special technical protective measures are necessary.

8.2. Exposure controls**Individual protection measures, such as personal protective equipment****Eye/face protection**

Eye protection: not required.

Hand protection

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

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.

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

Skin protection

common occupational protective clothing.

Respiratory protection

Respiratory protection not required.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: Paste
 Colour: according to product specification
 Odour: neutral

Test method

Changes in the physical state

Melting point/freezing point: not determined
 Boiling point or initial boiling point and boiling range: not determined
 Softening point: not determined ISO 5940
 Flash point: not determined

Flammability

Solid/liquid: ---

Explosive properties

not applicable

Lower explosion limits: ---

Upper explosion limits: ---

Auto-ignition temperature: not determined

Self-ignition temperature

Solid: Product is not selfigniting.

pH-Value: not determined

Viscosity / dynamic: ---

Water solubility: Due to the consistency and the insolubility of the product water a bioavailability is unlikely.

Vapour pressure: not determined

Density: 1,7 g/cm³

Relative vapour density: not determined

9.2. Other information

Other safety characteristics

Evaporation rate: not determined

Further Information

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available

10.2. Chemical stability

No information available.

10.3. Possibility of hazardous reactions

No data available

10.4. Conditions to avoid

Do not store together with oxidising agents, toxic as well as strongly acid or alkaline substances.

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

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

Irritation and corrosivity

No irritant effect.

Sensitising effects

No sensitizing effect known.

Carcinogenic/mutagenic/toxic effects for reproduction

No additional indications for carcinogenic or mutagenic impacts and effects toxic for reproduction.

STOT-repeated exposure

No information available.

Specific effects in experiment on an animal

No data available.

Additional information on tests

To the best of our current knowledge, this product does not contain any hazardous ingredients in amounts that are listed in Section 3 in accordance with applicable EU or national regulations Need to become.

Practical experience

No special references.

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

No special precautionary measures.

SECTION 12: Ecological information**12.1. Toxicity**

Do not allow to enter into surface water or drains.
Prevent from reaching waters, sewage or soil.
slightly hazardous to water

12.4. Mobility in soil

Slightly soluble product, readily form deposits.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to UK REACH.
The components in this formulation do not meet the criteria for classification as PBT or vPvB.

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.

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

Dispose of waste according to applicable legislation.

Contaminated packaging

Non-contaminated packaging can be supplied to a recycling system.

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.**Other applicable information (land transport)**

Not restricted

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.**Other applicable information (inland waterways transport)**

Not restricted

Marine transport (IMDG)**14.1. UN number or ID number:** UN 0000**14.2. UN proper shipping name:** Not a hazardous material with respect to transportation regulations.**Other applicable information (marine transport)**

Not restricted

Air transport (ICAO-TI/IATA-DGR)**14.1. UN number or ID number:** UN 0000**14.2. UN proper shipping name:** Not a hazardous material with respect to transportation regulations.**Other applicable information (air transport)**

Not restricted

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**

Restrictions on use (REACH, annex XVII):

Entry 3

2004/42/EC (VOC):

To the best of our current knowledge, this product does not contain any hazardous ingredients in amounts that are listed in Section 3 in accordance with applicable EU or national regulations. Need to become.

National regulatory information

Water hazard class (D):

1 - slightly hazardous to water

Additional information

No further data.

To follow: German Chemicals Prohibition Ordinance (ChemVerbotsV)

15.2. Chemical safety assessment

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

SECTION 16: Other information**Abbreviations and acronyms**

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

"IATA-DGR: Dangerous Goods Regulations by the ""International Air Transport Association"" (IATA)"

ICAO: International Civil Aviation Organization

"ICAO-TI: Technical Instructions by the ""International Civil Aviation Organization"" (ICAO)"

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

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)

STOT RE 1: Specific target organ toxicity - Repeated exposure, Hazard Category 1

Relevant H and EUH statements (number and full text)

H372 Causes damage to organs through prolonged or repeated exposure.

H373 May cause damage to organs through prolonged or repeated exposure.

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.

Identified uses

No	Short title	LCS	SU	PC	PROC	ERC	AC	TF	Specification
1	Auxiliary for dental technology	PW	20	0	0	4	0	94	100

LCS: Life cycle stages

SU: Sectors of use

PC: Product categories

PROC: Process categories

ERC: Environmental release categories

AC: Article categories

TF: Technical functions

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