

Revision date: 21.12.2022

**REF**

FINOBIM Pumice Powder

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

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Product group: Alkohole

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

Auxiliary for manufacture of dental prothesis

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

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

According to EC directives or the corresponding national regulations the product does not have to be labelled.

**2.3. Other hazards**

No risks worthy of mention.

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

natural, light foamy volcanic glass with the designation pumice.

**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**

Do not breathe dust. Provide fresh air.

**After contact with skin**

After contact with skin, first remove product with a dry cloth and then wash the skin with plenty of water.

**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.

**After ingestion**

Rinse mouth thoroughly with water.

Seek medical attention if problems persist.

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

Co-ordinate fire-fighting measures to the fire surroundings.  
Carbon dioxide (CO<sub>2</sub>) Extinguishing powder Water spray jet Foam

**Unsuitable extinguishing media**

Never use water. Full water jet

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

Not known.

**5.3. Advice for firefighters**

No special measures are necessary.

**Additional information**

The product itself does not burn.

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

Avoid dust formation.

**For non-emergency personnel**

Emergency procedures  
Remove victim out of the danger area. Remove affected person from the danger area and lay down.  
Remove persons to safety. The danger areas must be delimited and identified using relevant warning and safety signs.

**For emergency responders**

Wear breathing apparatus if exposed to vapours/dusts/aerosols.  
Use personal protection equipment.

**6.2. Environmental precautions**

No special environmental measures are necessary.

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

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

**Other information**

Take up mechanically.

**6.4. Reference to other sections**

Safe handling: see section 7  
Personal protection equipment: see section 8  
Treat the recovered material as prescribed in the section on waste disposal. Disposal: see section 13

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

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**Advice on safe handling**

Avoid dust formation.

If handled uncovered, arrangements with local exhaust ventilation should be used if possible.

**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.

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 under normal and dry conditions.

**Hints on joint storage**

Not required.

**Further information on storage conditions**

Store in cool, dry conditions in well sealed receptacles.

Protect from moisture.

Betriebssicherheitsverordnung (BetrSichV) ---

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

Auxiliary for manufacture of dental prothesis

**SECTION 8: Exposure controls/personal protection**
**8.1. Control parameters**
**Exposure limits (EH40)**

CAS No	Substance	ppm	mg/m <sup>3</sup>	fibres/ml	Category	Origin
13463-67-7	Titanium dioxide, respirable	-	4		TWA (8 h)	WEL

**Additional advice on limit values**

Avoid dust formation.

**8.2. Exposure controls**

**Appropriate engineering controls**

Does not contain substances above concentration limits fixing an occupational exposure limit.

Provide adequate ventilation.

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

Eye protection: not required.

Provide adequate ventilation.

**Hand protection**

Hand protection is not required.

**Skin protection**

None, if used pertinently.

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**Respiratory protection**

Wear dust protection mask only if dust forms.

**Environmental exposure controls**

Do not allow to enter into surface water or drains.

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

Physical state:	solid
Colour:	white - light grey
Odour:	odourless

**Changes in the physical state**

Melting point/freezing point:	approx. 1.000 °C
Boiling point or initial boiling point and boiling range:	not determined
Softening point:	not determined
Flash point:	not applicable

**Flammability**

Solid/liquid:	not determined
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**Explosive properties**

Product is not explosive.

Lower explosion limits:	---
Upper explosion limits:	---
Auto-ignition temperature:	not applicable

**Self-ignition temperature**

Solid:	Product is not selfigniting.
Decomposition temperature:	not determined
pH-Value:	approx. 7,5
Viscosity / dynamic:	---
Water solubility:	partially miscible
Partition coefficient n-octanol/water:	not applicable
Vapour pressure:	not applicable
Density:	0,25 - 0,6 g/cm³
Relative vapour density:	not determined

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

Sustaining combustion:	No data available
Oxidizing properties	
The product itself does not burn.	

**Other safety characteristics**

Solid content:	not determined
Evaporation rate:	not determined

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

No information available.

**10.2. Chemical stability**

The product is chemically stable under recommended conditions of storage, use and temperature.

**10.3. Possibility of hazardous reactions**

No known hazardous reactions.

**10.4. Conditions to avoid**

No decomposition if used according to specifications.

**10.5. Incompatible materials**

Not known.

**10.6. Hazardous decomposition products**

Thermally stable.

No dangerous decomposition products known.

**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.

**Irritation and corrosivity**

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

No irritant effect.

**Sensitising effects**

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

No sensitizing effect known.

**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.

If handled according to specifications and if common valid hygienic rules are observed health endangering effects have not been reported.

**Aspiration hazard**

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

**Specific effects in experiment on an animal**

For this substance the summation method is not applicable when classification of respective mixtures is calculated.

**Additional information on tests**

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

**Practical experience**

No special references.

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

No special precautionary measures.

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

According to the present state of knowledge negative ecological effects are not expected.

**12.2. Persistence and degradability**

No classification known.

**12.3. Bioaccumulative potential**

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No indication of bioaccumulation potential.

#### **12.4. Mobility in soil**

No information available.

#### **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.

#### **12.7. Other adverse effects**

No effects known.

### **SECTION 13: Disposal considerations**

#### **13.1. Waste treatment methods**

##### **Disposal recommendations**

Smaller quantities can be dumped together with household waste.

##### **List of Wastes Code - residues/unused products**

010102 WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS; wastes from mineral excavation; wastes from mineral non-metalliferous excavation

##### **List of Wastes Code - used product**

010102 WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS; wastes from mineral excavation; wastes from mineral non-metalliferous excavation

##### **Contaminated packaging**

Contaminated packages must be completely emptied and can be re-used following proper cleaning. Recycle sales packaging via DSD (Duales System Deutschland).

### **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.  
**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:** Not a hazardous material with respect to transportation regulations.  
**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:** Not a hazardous material with respect to transportation regulations.  
**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**

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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): none

Information according to 2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III)

Additional information: 0

**Additional information**

No further data.

**National regulatory information**

Water hazard class (D): - - non-hazardous to water

**Additional information**

Betriebssicherheitsverordnung (BetrSichV) ---

"ZH 1/134 „Information on Breathing Protection""

"ZH 1/105 „Information on Protective Clothing""

**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)

**Further Information**

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material. 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

PC: Product categories

ERC: Environmental release categories

TF: Technical functions

SU: Sectors of use

PROC: Process categories

AC: Article categories

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