

Safety Data Sheet

1 Name of material / Company trademark

Commercial name:	PUMICE	Production
Manufacturer / Supplier:	INTERDENT d.o.o. Opekarniška cesta 26 SI - 3000 Celje	INTERDENT d.o.o. DOL 1 SI – 3342 GORNJI GRAD
Telephone number:	+386 (0)3 425-62-00	
Fax:	+386 (0)3 425-62-10	
Emergency phone:	+386 (0)3 425-62-00	

2 Possible dangerous effects

Human health hazards: Avoid inhalation of dust.

3 Ingredient Content / Ingredient information

<i>CHEMICAL FORMULAE</i>	<i>CHEMICAL NAME</i>	<i>% CONSTITUENT</i>	<i>Symbol</i>
SiO ₂	Silicon Dioxide	70,9	/
Al ₂ O ₃	Aluminium Oxide	12,76	/
TiO ₂	Titanium Dioxide	0,14	/
Fe ₂ O ₃	Iron Oxide (Ferric)	1,75	/
FeO	Iron Oxide (Ferrous)	0,64	/
MnO	Manganese Oxide	0,09	/
CaO	Calcium Oxide	1,36	/
MgO	Magnesium Oxide	0,60	/
Na ₂ O	Sodium Oxide	3,23	/
K ₂ O	Potassium Oxide	3,83	/
P ₂ O ₅	Phosphorous Pentoxide	0,015	/
CO ₂	Carbon Dioxide	0,04	/
SO ₃	Sulphur Trioxide	0,21	/
H ₂ O+	Combined Water	3,88	/

Safety Data Sheet

4 First aid

General information: No special measures required.
After eye contact: Rinse opened eye for several minutes under running water to remove dust particles.

5 Fire fighting measures

none

6 Accidental release measures

Measures for environmental protection: No special measures required.
Measures for cleaning/collecting: Collect mechanically and dispose as inert solid waste.

7 Handling and storage

Handling: Handle carefully to avoid raising dust concentration in working area.

Storage: Store in cool and dry place.

8 Exposure controls and personal protection

Personal protective equipment

General protective and hygienic measures: The usual precautionary measures should be adhered to in handling the chemicals.

Breathing equipment: Suitable dust mask if exposed to high dust concentration.

Protection of hands: Not required.

Eye protection: Not required.

9 Physical and chemical properties

Form: Solid.

Colour: Fair grey

Smell: Odourless

Flash point: n.a.

Ignition point: n.a.

Explosive limit: Product is not explosive.

Safety Data Sheet

True density (ISO 787.10): 2.356 gms/cc
Vapour pressure: n.a.
Viscosity: n.a.
pH-value: 7,5 – 8
Melting: 1500°C
Hardness: 6 (Mohs)
Refractive index: 1,5

10 Stability and reactivity

Pumice is inert material, insoluble in water, base and acid except HF.

11 Toxicological information

Non-toxic. Does not cause allergic reaction. Without lead and asbestos.

12 Ecological information

Non- toxic inert material.

13 Disposal considerations

Inert solid waste.

14 Transport information

Transport/Additional information: Not dangerous according to the ADR regulations.

15 Regulatory information

Designation according to EC guidelines: The material is not subject to classification according to EC lists and other sources of literature known to us.

16 Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.