

EG-Safety Data Sheet

Trade Name: Pumice Powder

Company Identification: Eisenbacher Dentalwaren ED GmbH
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1. Material/Preparation Description

1.1. Trade Name: Pumice Powder

2. Composition/Component Declaration

2.1. Chemical Characterization: natural complex silicate, basically consisting of silicium oxide (SiO₂), in which the oxides of several elements are existing in dissolved form CAS 132 – 09 - 8

3. Possible Dangers

- 3.1 Inhaling: use dusk respirator in case of dust formation, during normal industrial use no health hazards are known.
- 3.2 Eye contact: in case of dusk in the eyes, rinse thoroughly with clear water

4. First Aid

- 4.1 Inhaling: see pos. 3
- 4.2 Eye Contact: see pos. 3
- 4.3 Swallowing: harmless

5. Firefighting Measures

5.1 no fire danger

6. Measures of unintended Release

- 6.1 Individual related precautions: not necessary
- 6.2 Environmental precautions: not necessary
- 6.3 Cleaning procedures: sweeping

7. Handling and Storage

- 7.1 Handling: store in a dry place, avoid dust formation
- 7.2 Storage: store in a dry place, keep packaging closed, keep dry, decreased absorption capacity

8. Exposition Limit and Personal Protective Equipment

- 8.1 Dust limiting: avoid dust formation
- 8.2 Technical arrangements: wash with water
- 8.3 Personal protective equipment: dust respirator
- 8.4 Breathing protection: dust respirator
- 8.5 Hand guard: During direct contact with product, protective gloves should be worn where friction can occur
- 8.6 Eye protection: if an intense dust formation cant be avoid, use eye protection

9. Physical and Chemical Features

- 9.1 Appearance: light grey
- 9.2 Odor: neutral
- 9.3 pH-value 7,5 – 8,0
- 9.4 Melting point: 1500°C
- 9.5 Flammability: not flammable
- 9.6 Oxidizing features: none
- 9.7 Density: 2.313 – 2.350 g/ml
- 9.8 Bulk density: 400 – 900 g/ml
- 9.9 Solubility in water: insoluble / soluble only in hydrogen fluoride

10. Stability and Reactivity

- 10.1 Possible dangerous reactions: none
Dangerous decomposition products: none
Further details: none

11. Information regarding Toxicology

- 11.1 The product is harmless and does not cause any allergic or narcotic reactions
- 11.2 Inhaling: Due to the amorphous structure pumice powder does not cause silicosis, however a protection from dust is necessary

12. Information regarding Ecology

- 12.1 As a natural, inert product bims products do not cause danger for the ecology, it does not have a BOD or COD, water polution class: 1

13. Waste Disposal

- 13.1 To be handled according to the applicable waste disposal regulations for natural, inert, ecological not harmful raw materials / minerals

14. Information regarding Transport

- 14.1 No dangerous goods
- 14.2 The products is not a dangerous working material
- 14.3 Hazard class: hazard symbol as well as risk- and safety statements are not necessary

15. Regulations

- 15.1 Applicable work hygiene regulations have to be followed

16. Other Information

- 16.1 Due to the amorphous structure pumice powder does not cause silicosis, however a protection from dust is necessary. Avoid dust inhalation.

However it is recommended to consider the norms T. LV. and A.C.G.I.H. 1977 under the comment EH/76 and to keep the same.

All information given basis of our knowledge, literature data and experiences and can not be exhaustive. The information is used to improve the security information and have not the meaning of guarantees on properties.