

EU-Safety Data Sheet

Name of product: Expanded milled perlite

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1. Information about producer and Product

1.1. Name of Product : Ekspanded milled perlite – filter aid material

1.2. Commercial Name: Perfit PF 220 GG, Perfit PF 220 GM, Perfit PF 220 Extra, Perfit PF 220, Perfit PF 225, Perfit PF 235, Perfit PF 245, Perfit PF 295.

1.3. Producer: 'Termika' doo – Production and trade of materials based on raw perlite, expanded perlite, expanded milled perlite and dry perlite insulating compound for use in industry, construction and agriculture.

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2. Product composition

2.1. Chemical composition :

SiO ₂	68 – 75 %
Al ₂ O ₃	10 – 12 %
Fe ₂ O ₃	1 – 2,5 %
CaO	1,5 – 2 %
MgO	0,2 – 1,5 %
Na ₂ O	2,8 – 4,5 %
K ₂ O	3,2 – 4,5 %
bonded H ₂ O	2 – 5 %

3. Irritation

Irritation description: mechanical irritation of eye

Additional health: non

4. First aid measures:

General Info: irritation of eyes

4.1. After inhalation: not needed

4.2. After contact with skin: not needed

4.3. After contact with eyes: Refer for medical aid for possible irritation of eye

4.4. After swallowing: not needed

5. Fire safety measures: Not needed fireproof material on 1230°C

6. Measures in case if released: Not needed

7. Handling and storage

7.1. Handling: Handling with care possible irritation of eyes

7.2. Storage: Closed dry space

8. Control of exposure and personal protection

8.1. Control of exposure: Not needed

8.2. Personal Protection:

Protection of respiratory organs: Not needed

Protection of hands: Not needed

Protection of eyes: Eye glasses

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9. Physical-Chemical characteristics

- 9.1. Shape: powder
- 9.2. Color : Wight
- 9.3. Smell: non
- 9.4. Alteration of physical state: melts on temperature over 1230 °C
- 9.5. Ignition point: ---
- 9.6. Ignition: not flammable
- 9.7. Ignition temperature: not flammable
- 9.8. Self ignition: Not self flammable
- 9.9. Point explosion: Not explosive
- 9.10. Pressure of vapping: dose not vaporise
- 9.11. Bulk density (kg/m³): 50 - 140
- 9.12. pH: 6.0 – 9.0
- 9.13. Other informations: Chemically inert and microbiological sterile

10. Stability and reactivity: Stable and non reactive

11. Toxic: not toxic

12. Ecological info:

- Informations about elimination (biodegradability): not biodegradable
- Eco toxic effect: non
- Following data: Ecological not intoxicating environment
(improves characteristics of soil, waters collects impureness)

13. Recommendation for disposable:

- Disposable: Non measures needed
- Description: Aluminum silicate material, us such present in environment.
- Disposable of waist and recommendation of cleaning: Material does not intoxicate environment, special measures not needed.

14. Transport Information:

14.1. Land transport

- ADR/RID :---
- Security number :---
- UN number :---
- Hazard Mark :---
- Packiging group :---
- TVB :---
- Remarks :---

14.2. Water transport

- IMDG - code :---
- UN number :---
- Hazard Mark :---
- IMDG code :---
- IMDG packiging group :---
- EmS :---
- MFAG :---
- Water pollution :---
- TVB :---
- Remarks :---

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14.3. Air cargo

ICAO	:---
UN code	:---
Hazard Mark	:---
Pakiging group	:---
Packiging instructiom	:---
ICAO max. weight	:---
TVB	:---
Remarks	:---

14.4. Transport informations

Not harmful substance

15. Regulatory informations

15.1. Marking by EEC-directive:

Hazard symbol : Xi - irritant

R - express

36 – eyes irritations

S - express

39 – to use adequate protection for eyes (eye glasses)

16. Remaining informations

All informations reffed in this document are given by our current knowledge of material date 01.01.2014.

They describe this product from safty application point of view.

User of our product is obligated to respect all reffed rules of application. If not, doing so is his own resposibility.