

EU-Safety Data Sheet

Name of product: Expanded milled perlite

page: 1 / 4

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” a.d. – 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.

Požeška 4, 23000 Zrenjanin, Serbia

Tel: +381 23 543 020

Fax: +381 23 544 303

 e-mail: termika@termika.rs

 web: www.termika.rs

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 fot 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 relased:Not needed

7. Handling and storage

7.1. Handling: Handling with care possible irritation of eyes

7.2. Storage: Closed dry space

EU-Safety Data Sheet

Name of product: Expanded milled perlite	page: 2 / 4
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	
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/m ³):.. 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.	

EU-Safety Data Sheet

Name of product: Expanded milled perlite

page: 3 / 4

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 packing group..... ---

EmS:..... ---

MFAG:..... ---

Water pollution: ---

TVB: ---

Remarks: ---

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

EU-Safety Data Sheet

Name of product: Expanded milled perlite

page: 4 / 4

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 reffered 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 reffered rules of application. If not, doing so is his own responsibility.