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MINERALES Y FILLERS, S.L.

MATERIAL SAFETY DATA SHEET
MILLED EXPANDED PERLITE

1. IDENTIFICATION

1.1. Commercial Name(s): MINAFIL Perlite Filteraids MF30, MF40, MF100, MF150, MF180, MF250, MF300, MF350, MF450, MF550, MF600, MF650

1.2. Producer and Supplier: MINERALES Y FILLERS, S.L.
C/ Amposta 14-18 1º4ª
08173 Sant Cugat Vallés
Barcelona (Spain)

TEL. 93 5878080
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2. CHEMICAL CHARACTERITZATION

Perlite is a Natural Complex Aluminium, Potassium and Sodium Silicate not chemically treated. Perlite is chemically inert and contains less than 0,1% Crystalline Silica.

CAS Nr. 93763 – 70 - 3
Registration Number REACH : Exempted according to Art. 2 par 7b.

3. HAZARD INFORMATION

Perlite is classified as a nuisance dust.
Milled Expanded Perlite causes an annoying but reversible effect on the lungs by inhalation. This annoying dust causes no organic disease or has no toxic influence on the human organism.
Primary entry route: inhalation and eye contact.

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4. FIRST AID MEASURES

4.1. Inhalation: Remove from dust area to fresh air, drink water to clear throat. Blow nose to evacuate dust.

4.2. Eye irritation: Flush eyes immediately with copious amounts of water. Consult a physician if irritation persists.

4.3. Skin irritation: None

4.4. Swallow: None

4.5. Falling into milled expanded perlite: Secure yourself against falling.

5. FIRE AND EXPLOSION HAZARDS

None. Perlite is inert and non-flammable. (it is used in fire extinguishers).
The product itself does not burn.

6. SPILL OR LEAK PROCEDURES

6.1. Personal prevention: The wearing of an approved respirator and a safety eyewear (3M 7000 series with P3 filters or an equivalent brand name) shall be used.

6.2. Environment precautions: Vacuum clean spillage. Dispose to nominated landfill.

7. HANDLING AND STORAGE PRECAUTIONS

7.1. Handling: Avoid making dust. Ensure good ventilation.

7.2. Storage: Keep dry and far from odoriferous chemicals. Repair all broken bags immediately.

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8. EXPOSURE CONTROLS AND PERSONAL PRECAUTION

8.1. Engineering measures: Adequate exhaust ventilation and dust collection.

8.2. Respiratory organs protection: A dust mask shall be worn.

8.3. Eye protection: Safety glasses are recommended.

8.4. Hand and skin protection: None.

9. PHYSICAL – CHEMICAL PROPERTIES

Physical state at 20ºC :	Solid white power
Density:	90 – 190 kg/m3
pH (in 100g/l water slurry):	5.5 – 9.0
Solubility in water (20ºC):	0.1 g/l
State modification:	over 850ºC

10. STABILITY AND REACTIVITY

10.1. Hazardous reaction: None, except with hydrofluoric acid.

10.2. Hazardous dissemination products: Reacts with fluoric-acid to form toxic silicon tetrafluoride.

10.3. Conditions to be avoided: None in designed use.

11. TOXICOLOGICAL INFORMATION

Health effects: Upper respiratory and eye irritation.

Chronic toxicity: No chronic health hazards have been detected.

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12. ECOLOGICAL DATA

Chemically inert in the environment and not hazardous in general.

13. WASTE MANAGEMENT

Dispose off in approved landfill, in order to comply with local regulations.

14. TRANSPORT INFORMATION

Not classified as a dangerous product.

15. LEGAL INFORMATION

Hazard symbol: None
Risk sentences: None
Recommended: Do not inhale dust. In case of eye contact, flush with water.

16. OTHER INFORMATION

Application: Minafil Perlite Filteraids are mainly used for industrial liquid filtration, and including food and beverage and can be also used as filler agent between others in paper, plastic and painting industry.

Reviewed by Marc Planas August 2015