

Bentonite powder used for Bentofix®

made of sodium bentonite

page 1/3 / date: 27 July 2009

1 Identification of the substance/preparation and company

- 1.1 Name: Bentonite powder
- 1.2 Supplier: NAUE GmbH & Co. KG
Gewerbestr. 2
D – 32339 Espelkamp-Fiestel
Phone: ** 49 (57 43) 41 - 0
Fax: ** 49 (57 43) 41 - 333
- Emergency address:
Or contact information centre for
toxicology, i. e. Berlin see also: supplier
Phone: ** 49 (30) 19240

2 Composition Information on ingredients

Chemical characterization/description:

sodium bentonite,
CAS-No. 1302-78-9
EINECS No. 215-108-5)

Substances presenting a health hazard:

Low concentration of crystalline silica (SiO₂) in the form of quartz, cristobalite and tridymite may be present in airborne bentonite dust.

3 Possible hazards

Hazards identification:

not applicable

4 First-aid measures

no special measures required. Wash your skin with soap and water until clean, flush your eyes with water until irritation ceases, in case of inhalation move to area free from dust. If symptoms of irritation persist contact physician. Inhalation may aggravate existing respiratory illness.

5 Fire-fighting measures

not applicable

6 Accidental release measures

Personal precaution:

avoid causing dust

Environmental precaution:

avoid using water, slippery when wetted

Methods for cleaning up:

not applicable

Bentonite powder used for Bentofix®

made of sodium bentonite

page 2/3 / date: 27 July 2009

7 Handling and storage

Handling: No special measures necessary.
Storage: Avoid humidity.

8 Exposure controls and personal protection during preparation of the product

Respiratory protection: Use respirators approved for silica bearing dust
Hand protection: No special requirements.
Eye protection: No special requirements.
Skin protection: No special requirements.

9 Physical and chemical properties

Appearance/condition of aggregation: powder
Colour: light tan
Odour: odourless
pH-value: approx. 9 - 10
Melting point/melting range: -
Flash point: -
Flammability: -
Auto flammability: -
Ignition temperature: -
Explosion properties: -
Oxidizing properties: -
Vapour pressure: <math>< 10^{-6}</math> mbar
Relative density: approx. 2.65 g/cm³
Bulk density: approx. 800 kg/m³
Solubility/miscibility in/with water: insoluble
Partition coefficient n-octano/water: -

10 Stability and reactivity

Conditions to avoid: -
Materials to be avoided: -
Hazardous decomposition products: -

11 Toxicological information

not toxic

12 Ecological information

General advice: At present no effects are known.

Bentonite powder used for Bentofix® made of sodium bentonite

page 3/3 / date: 27 July 2009

13 Disposal considerations

Product:

Bentonite powder can be disposed together with soil materials on landfill sites for debris, or depending on local regulations.

Contaminated packaging:

Contaminated packaging can also either be disposed together with soil materials on landfill sites for debris, or depending on local regulations.

14 Transport information

Transport:

No dangerous goods according to national and international transport regulations.

15 Regulatory information

Label according to the directive:

No labelling is necessary according to the regulation of the European Community.

16 Other information

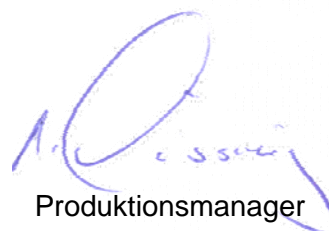
Person to contact:

Mr. Henning Ehrenberg, Mr. Norbert Vissing
Phone: +49 (57 43) 41 - 326 or 41 - 421

NAUE GmbH & Co. KG
Gewerbestr. 2
D - 32339 Espelkamp - Fiestel



Qualitätsmanager



Produktionsmanager