

1 Identification of substance

- **Product details:**
- **Trade name:** BENTONE 128
- **Article number:** 10805
- **Application of the substance / the preparation** Rheology additive
- **Manufacturer/Supplier:**
Elementis Specialties
p/a Elementis Service Centre N.V.
Pegasus Park
De Kleetlaan 12A - P.O. Box 3
B-1831 Diegem, Belgium
Tel: +32 (0) 2 790 76 00
Fax: +32 (0) 2 790 76 60
- **Informing department:**
Elementis Specialties, Diegem, Belgium
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Environment, Health & Safety Department
- **Emergency information:** Tel.: +44 1506 430 331

2 Composition/Data on components

- **Chemical characterization:**
- **Description:** Organic derivat of a smectite clay

- **Dangerous components:**

CAS: 14808-60-7	Quartz (SiO ₂)	< 1.0%
EINECS: 238-878-4		

- **Additional information:**
For components with critical values that require monitoring at the workplace see Section 8
For the wording of the listed risk phrases refer to section 16.

3 Hazards identification

- **Hazard designation:** none
- **Information pertaining to particular hazards for man and environment:**
The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
- **Classification system:**
The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

4 First aid measures

- **General information:** No special measures required.
- **After inhalation:** Supply fresh air; consult doctor in case of symptoms.
- **After skin contact:** Wash with water and soap and rinse thoroughly.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** In case of persistent symptoms consult doctor.

5 Fire fighting measures

- **Suitable extinguishing agents:**
CO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.

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· **Protective equipment:** No special measures required.

6 Accidental release measures

· **Person-related safety precautions:**

Avoid causing dust.

Keep away from ignition sources

Product forms slippery surface when combined with water.

· **Measures for environmental protection:** No special measures required.

· **Measures for cleaning/collecting:** Collect mechanically.

· **Additional information:**

See Section 7 for information on safe handling

See Section 8 for information on personal protection equipment.

See Section 13 for information on disposal.

No dangerous materials are released.

7 Handling and storage

· **Handling:**

· **Information for safe handling:**

No special measures required.

Avoid high dust concentrations.

· **Information about protection against explosions and fires:** No special measures required.

· **Storage:**

· **Requirements to be met by storerooms and containers:** No special requirements.

· **Information about storage in one common storage facility:** Not required.

· **Further information about storage conditions:** Store under dry conditions.

* 8 Exposure controls and personal protection

· **Additional information about design of technical systems:** No further data; see item 7.

· **Components with critical values that require monitoring at the workplace:**

· **Additional information:** The lists that were valid during the compilation were used as basis.

· **Personal protective equipment:**

· **General protective and hygienic measures:**

The usual precautionary measures should be adhered to in handling the chemicals.

· **Breathing equipment:**

Filter P1.

Use breathing protection in case of insufficient ventilation.

· **Protection of hands:**

Protective gloves.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

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- **Penetration time of glove material**
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:** Not required.

9 Physical and chemical properties

· General Information

Form:	Powder
Colour:	Whitish
Smell:	Odourless

· Change in condition:

Melting point/Melting range: Not determined
Boiling point/Boiling range: Not determined

· **Flash point:** Not applicable

· **Self-flammability:** Product is not selfigniting.

· **Danger of explosion:** Product is not explosive.
liable to dust explosion

· Critical values for explosion:

· **Density at 20°C:** 1.6 g/cm³

· Solubility in / Miscibility with

Water: Insoluble

· Solvent content:

Organic solvents: 0.0 %

· **Solids content:** 100.0 %

10 Stability and reactivity

- **Thermal decomposition / Conditions to be avoided:** No decomposition if used according to specifications.
- **Dangerous reactions:** No dangerous reactions known
- **Dangerous products of decomposition:** No dangerous decomposition products known

11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** Eye exposure (to dust) may produce irritation.
- **Sensitization:** No sensitizing effect known.
- **Additional toxicological information:**

The product is not subject to classification according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version:

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

As with any nuisance dust, long-term exposure to concentrations of dust above the recommended exposure level may overload lung clearance mechanism and cause adverse lung effects.

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12 Ecological information

- **General notes:** Not known to be hazardous to water.

13 Disposal considerations

- **Product:**
- **Recommendation:** Must be specially treated under adherence to official regulations.

· European waste catalogue

01 00 00	WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS
01 04 00	wastes from physical and chemical processing of non-metalliferous minerals
01 04 99	wastes not otherwise specified

- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

- **ADR/RID-GGVS/E Class:** -
- **IMDG/GGVSea Class:** -
- **Marine pollutant:** No
- **ICAO/IATA Class:** -

- **Transport/Additional information:** Not dangerous according to transport specifications.

15 Regulatory information

- **Designation according to EC guidelines:**
Observe the normal safety regulations when handling chemicals.
The material is not subject to classification according to EC lists and other sources of literature known to us.
The product is not subject to classification according to EC Directives / relevant national laws.
- **National regulations:**
- **Water hazard class:**
Not known to be hazardous to water
- **Other regulations, limitations and prohibitive regulations:**
- **EU-VOC:** g/l
- **EU-VOC(%):** 0.00 %
- **Swiss-VOC:** 0.00 %

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship

- **Department issuing data specification sheet:**
Product Stewardship Dept.
Tel.: +32 2 790 76 32
Fax : +32 2 790 76 60
- *** Data compared to the previous version altered.**