1023-CPR-0073F

MATERIAL SAFETY DATA SHEET

EUROPASTE

Europaste is a bonding and sealing compound made from a combination of benonite and an anio-active detergent which acts as an emulsifier. The main feature of Europaste is its high elastic adhesive power. Due to the chemical composition of bentonite Europaste can expand by up to 90% of its initial volume when it comes into contact with water.

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Identification of the product and the company

Manufacturer:

Eurobent Sp. z o.o.
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Product name: **EUROPASTE**

It can be used for:

1. Gluing the sealing strips EUROSTRIP in day-work and dividing gaps.
2. Sealing the overlap of EUROBENT bentonite maps and geotextiles.
3. Sealing cable and tubular passes.
4. Filling cavities and cracks in building, engineering and water structures.

1. Hazards identification

1.1. Classification of the substance or mixture
This mixture is not classified as hazardous according to Directive 1999/45/EC.
GHS classification
This mixture is not classified as hazardous according to Regulation (EC) No. 1272/2008.
1.2. Label elements
1.3. Other hazards
No risks worthy of mention. Please observe the information on the safety data sheet at all times.

2. Composition/information on ingredients

2.2. Mixtures
Further Information Product does not contain listed SVHC substances.

3. First aid Measured

3.1. Description of first aid measures
General information :In case of accident or if you feel unwell, seek medical advice immediately (show safety data sheet if possible).
After inhalation In case of accident by inhalation: remove casualty to fresh air and keep at rest. In all cases of doubt, or when symptoms persist, seek medical advice.
After contact with skin After contact with skin, wash immediately with plenty of water and soap.
After contact with eyes Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
After ingestion Rinse mouth immediately and drink large quantities of water.
3.2. Most important symptoms and effects, both acute and delayed
No information available.
3.3. Indication of any immediate medical attention and special treatment needed
Treat symptomatically.

4. Firefighting Measured

4.1. Extinguishing media
Suitable extinguishing media Carbon dioxide (CO2). Dry extinguishing powder. alcohol resistant foam. Atomized water.
Unsuitable extinguishing media High power water jet.
4.2. Special hazards arising from the substance or mixture
No information available.
4.3. Advice for firefighters
Wear a self-contained breathing apparatus and chemical resistant suit.

Additional information
Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.
Extinguishing materials should be selected according to the surrounding area.

5. Accidental release Measured

5.1. Personal precautions, protective equipment and emergency procedures
See protective measures under point 6 and 7.
5.2. Environmental precautions
No special measures are necessary.
5.3. Methods and material for containment and cleaning up
Collect mechanically.
Do not breathe dust.
Treat the assimilated material according to the section on waste disposal .
Clean contaminated objects and areas thoroughly observing environmental regulations.
5.4. Reference to other sections
See protective measures under point 6 and 7.

6. Handling and storage

6.1. Precautions for safe handling
Advice on safe handling: Wear suitable protective clothing. Refer to chapter 7
Advice on protection against fire and explosion: Usual measures for fire prevention.
Further information on handling: Industrial use: Avoid generation of dust.
6.2. Conditions for safe storage, including any incompatibilities
Requirements for storage rooms and vessels: Keep in a cool, well-ventilated place. Keep container dry.
Advice on storage compatibility: Do not store together with: Explosives. Oxidizing solids. Oxidizing liquids. Radioactive substances.Infectious substances.
Further information on storage conditions: Protect against: UV-radiation/sunlight. heat. frost. Water.
Recommended storage temperature: >5 °C
Shelf Life (months): 36

7. Exposure controls/personal protection

7.1. Control parameters
Additional advice on limit values: Air limit values: (Dust, general) 10 mg/ m3 ; Inhalable Dust fraction
Air limit values: (Dust, general) 3 mg/ m3 ; Respirable Dust fraction
7.2. Exposure controls
Appropriate engineering controls: Avoid generation of dust.
Protective and hygiene Measured: Always close containers tightly after the removal of product. Do not eat, drink, smoke or sneeze at the workplace. Wash hands before breaks and at the end of work.
Eye/face protection: In case of dust, a dust mask should be worn.
Hand protection: No special measures are necessary.
Skin protection: Protective clothing.
Respiratory protection: With correct and proper use, and under normal conditions, breathing protection is not required.
Respiratory protection required in case of:
exceeding critical value
Generation/formation of dust
Suitable respiratory protective equipment:
particulates filter device (DIN EN 143).
Type: P1/2/3
Environmental exposure controls: No special precautionary measures are necessary.

8. Physical and chemical properties

8.1. Information on basic physical and chemical properties

Physical state:	solid
Colour:	light brown
Odour:	characteristic

Test method
pH-Value: N/A
Changes in the physical state
Melting point: N/A
Initial boiling point and boiling range: N/A
Changes in the physical state
Melting point: N/A
Initial boiling point and boiling range: N/A
Flammability
Solid: N/A
Explosive properties
none/none
Lower explosion limits: N/A
Upper explosion limits: N/A
Oxidizing properties
none/none
Vapour pressure: N/A
Density: 2,3 g/cmł
Bulk density: N/A
Water solubility: 0 g/L
Viscosity / dynamic:
(at 20 °C) N/A
Solvent content: 0% - Data concerning the Directive 1999/13/EC on the limitation of emissions of volatile organic compounds (VOC-RL)

9. Stability and reactivity

9.1. Reactivity
No information available.
9.2. Chemical stability
Stable under normal storage and handling conditions.
9.3. Possibility of hazardous reactions
No information available.
9.4. Conditions to avoid
Protect against: UV-radiation/sunlight. heat. moisture.
9.5. Incompatible materials
No information available.
9.6. Hazardous decomposition products
No information available.

10. Toxicological information

10.1. Information on toxicological effects

Toxicocinetics, metabolism and distribution

No data available.

Acute toxicity

Based on available data, the classification criteria are not met.

Irritation and corrosivity

Based on available data, the classification criteria are not met.
Irritant effect on the skin: Not an irritant.
Irritant effect on the eye: Not an irritant.

Sensitising effects

Based on available data, the classification criteria are not met.
Product is: no danger of sensitization.

STOT-single exposure

Based on available data, the classification criteria are not met.

Severe effects after repeated or prolonged exposure

Based on available data, the classification criteria are not met.

Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

Specific effects in experiment on an animal

No data available.

11. Ecological information

11.1. Toxicity
No data available.
11.2. Persistence and degradability
No data available.
11.3. Bioaccumulative potential
No indication of bio-accumulation potential.
11.4. Mobility in soil
No data available.
11.5. Results of PBT and vPvB assessment
No data available.

12. Disposal considerations

12.1. Waste treatment methods

Advice on disposal

Waste disposal according to official state regulations . Consult the local waste disposal expert about waste disposal. Cleaned containers may be recycled.

Waste disposal number of waste from residues/unused products 160304

WASTES NOT OTHERWISE SPECIFIED IN THE LIST; off-specification batches and unused products; inorganic wastes other than those mentioned in 16 03 03

Waste disposal number of used product 160304

WASTES NOT OTHERWISE SPECIFIED IN THE LIST; off-specification batches and unused products; inorganic wastes other than those mentioned in 16 03 03

Waste disposal number of contaminated packaging 150203
WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; absorbents, filter materials, wiping cloths and protective clothing; absorbents, filter materials, wiping cloths and protective clothing other than those mentioned
In 15 02 02
Contaminated packaging
Handle contaminated packaging in the same way as the substance itself.

13. Transport information

Land transport (ADR/RID)
Other applicable information (land transport): Not restricted
Inland waterways transport (ADN) Not restricted
Other applicable information (inland waterways transport)
Marine transport (IMDG) Not restricted
Air transport (ICAO) Not restricted
13.1. Environmental hazards
ENVIRONMENTALLY HAZARDOUS: no
13.2. Special precautions for user
refer to chapter 5-7
13.3. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
irrelevant