

Safety data sheet according to 1907/2006/EC, Article 31

BuumSorb® Water Absorption Cushions and Protection Booms

according to current guidelines: 01.01.2022

total pages: 1-4

Section 1 - Identification of the substance or mixture and of the company

1.1. Product identifier - Trade name

- **BuumSorb® water absorption cushions and protection booms** are used to absorb water. Prevention, damage control or elimination, waterproofing and stabilization.

Manufacturer / Supplier:

- BuuM Herstellung u. Vertrieb
umwelttechnischer Produkte GmbH & Co. KG
Hamburgerstr.27 D
D-22952 Lütjensee

Information department/ Emergency phone:

- Office/ Sale
Phone 0049-4154-7351
Fax 0049-4154-75178

Section 2 - Composition/ Information on ingredients

- Non-woven **from 100% polypropylene and sodium polyacrylate** (combination product)

Hazardous Substances / CAS (Chemical Abstracts Service)

- CAS-polypropylene 9003-07-0
- CAS-sodium polyarylate 9003-04-7
- EINECS **European Inventory of Existing Commercial Chemical Substances**
not applicable
- customs number/ HS codes 39021000 - Polypropylen, Primärformen
39069090- Acrylpolymer, Polymethylmethacrylat, Primärformen
- **subheading** **Nonwovens, coated or covered, a.n.g., of man-made filaments,**
- **5603140** **a weight of > 150 g / m²**

Section 3 - Hazards Identification

3.1. Specific risks are not known.

3.2. Label elements

- **Labeling according to Regulation (EC) No. 1272/2008** - not applicable
Hazard pictograms - not applicable
Signal word - not applicable
Hazard warnings - not applicable

3.3. Other hazards

- **Results of PBT- and vPvB- assessment - not applicable**
PBT (persistent, bioaccumulative and toxic)
vPvB (very persistent and very bioaccumulative)

Section 4 - First aid measures

- "First Aid" is not required.
In the original state BuuMsorb® products are no "dangerous goods".
- after inhalation: ./.
- after skin contact: ./.
- after eye contact: ./.
- after swallowing: ./.

Section 5 - Fire-fighting procedures

- **general notes: none**
- suitable extinguishing agents: water
- resulting gases: ./.
- special protective equipment: ./.

Section 6 - Accidental release measures

- personal precautions: none
- environmental protection: none
- measures for cleaning/ collecting: none

Section 7 - Handling and storage

- **information for safe handling: none**
As an adsorbent, please check the protective measures for the absorbed substance.
- information fire /explosion protection: see above
- storage note: **store dry and UV protected**
- requirements for rooms and containers: none
- additional note: none
- storage class: none

Section 8 - Exposure controls/ personal protection

- additional information about design of technical documentation: see section 6 + 7

- **components with critical values that require monitoring at the workplace:** none
- type/ value/ unit: ./.
- additional information: none
- personal protective equipment: none / wear gloves when disposing
- general protection and hygiene measures: none
- respiratory protection: ./.
- hand protection: ./.
- eye protection: ./.
- body protection: ./.

Section 9 - Physical and chemical properties

9.1. Information on basic physical and chemical properties

- **General information/ appearance**
- form: spunbond-meltblown with **granules**
- color: yellow **milky-white**
- smell: neutral ./.
- change of state: ./.
- melting point / melting range: ./.
- boiling point / boiling range: ./.
- flash point: >300°C ./.
- ignition: ./.
- ignition temperature: ./.
- self-ignition: ./.
- explosion limits: ./.
- vapor pressure: ./.
- density: 209 g/m² **> 10 hPa (20.00°C)**
- solubility in/ miscibility with water: indissoluble **ca. 0,7 g/ cm³**
- pH value when delivered: ./.
- solvent separation test: ./.
- solvent content: ./.
- **ca.6,0 (1.0g/l) in 0.9% NaCl (salt)**
- ./.
- ./.

Section 10 - Stability and reactivity

- conditions to avoid: ./.
- substances to avoid: ./.
- hazardous decomposition product: ./.
- more information: ./.
- **./.**
- **./. (disintegrates > 200 ° C)**
- **./.**

Section 11 - Toxicological information

- **Acute toxicity - no information**

Section 12 - Ecological information

- **In its original condition no negative effects are known.**
Eluate analysis acc. DIN 34 414 Part 4 resulted in ecological safety.

Section 13 - Disposal considerations

- BuuMsorb® water cushions and booms can be disposed with household waste.
Requirement - the absorbed water is not contaminated with environmentally hazardous substances. Depending on the substances, waste disposal regulations must be complied.

Section 14 - Transport information

14.1. UN-Number (United Nations Dangerous Goods- number/ UNDG)

- ADR, ADN, IMDG, IATA - not applicable

14.2. Proper UN- shipping name

- ADR, ADN, IMDG, IATA - not applicable

14.3. Transport hazard classes

- ADR, ADN, IMDG, IATA class - not applicable

14.4. Packing group / ADR, IMDG, IATA - not applicable

14.5. Environmental Hazards/ Marine Pollutant - No.

14.6. Special precautions for user - Not applicable.

14.7. Transport in bulk according to Annex II of the MARPOL Convention 73/78 and the IBC Code - Not applicable.

14.8. Transport/ Additional information: No dangerous goods according to the above regulations UN "Model Regulation" - not applicable

Section 15 - Regulatory information

- **Water hazard class** - none/ not hazardous to water
- **Major Accidents Ordinance** - no
- **Labeling according to EC guidelines** - not applicable

Section 16 - Other information

- This information is based on our present knowledge and experience.
- The information listed do not have the importance of product quality assurances.
- The Safety Data Sheet describes the products in regards to safety requirements.