



## Safety data sheet

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### 1. Substance/preparation and company identification

Trade name:

Microballon

Application of the substance/ the preparation:

Lightweight filler

BEIL

Kunststoffproduktions- und Handelsgesellschaft mbH

Lehmkuhlenweg 25

D- 31224 Peine

Telefon: +49 (0)5171/70 99-0

Telefax: +49 (0)5171/7099-29

E-Mail: [service@beil-peine.de](mailto:service@beil-peine.de)

Information in case of emergency:

Giftzentrale Göttingen

Tel.: +49 (0)551/19240

Telefax: +49 (0)551/3831881

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### 2. Hazards identification

Chemical nature: Glass hollow shere of sodium silicate borate

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### 3. Composition/information on ingredients

Information pertaining to particular dangers for human and enviroment

The product does not require a hazard warning label in accordance with Directive 67/548/EC; Continuous contact with respire dust of this product at a high concentration can impair the lung function. The product is not respire in the as-delivered state.

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### 4. First Aid Measures

General information: In case of persisting adverse effects consult a physican.

After inhalation : Remove affected person from the immediate area. Ensure supply of fresh air.

After skin contact: In case of contact with skin wash off with water. Do not rub!

After eye contact: Separate eyelids, wash the eyes thoroughly with water. (15 min).

After ingestion: Immediately rinse mouth with water. Repeat until product is thoroughly removed. Give water to drink. Get medical attention if effects develop orpersist.

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### 5. Fire-fighting Measures

Other information: Product it self does not burn. Adapt extinguisher and fire-fighting measures to fire in the environment.

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### 6. Accidental Release Measures

Personal precautions: Refer to protective measures listed in sections 7 and 8. Avoid contact with skin, eyes and clothing. Avoid dust formation. Ensure adequate ventilation.

Environmental precautions: Do not discharge into the drains/surface water/groundwater.

Methods for cleaning up: Pick up mechanically. Send in suitable containers for recovery or disposal.

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## 7. Handling and Storage

### Handling:

Advice on safe handling: Provide good ventilation of working area (local exhaust ventilation if necessary). If workplace exposure limits are exceeded, respiratory protection approved for this particular job must be respirable dust, should be avoided.

Protection against fire and explosion: No special measures necessary.

### Storage:

Requirements for storage rooms and vessels: Store product in close container.

Further information on storage conditions: Keep container tightly closed and dry.

Storage class: 13 (VCI Concept)

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## 8. Exposure Controls/ Personal Protection

### Ingredients with occupational exposure limits to be monitored:

#### Dust trehold value

Alveolar fraction: MAK (TRGS 900) 3 mg/m<sup>3</sup>

Breathable fraction: MAK (TRGS 900): 10 mg/m<sup>3</sup>

#### Personal protective equipment

General protective and hygienic measures: Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Remove soiled or soaked clothing immediately. Do not inhale dust. Hold eye wash fountain available.

Respiratory protection: If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. Dust mask P2.

Protection of hands: Protective gloves (EN 374)

Eye protection: Safety glasses (EN 166)

Skin protection: Clothing as usual in the chemical industry.

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## 9. Physical and Chemical Properties

Form: powder

Colour: white

Odour: odourless

Flash point: not applicable

Solubility in water: negligible

Density: 0,30 g/cm<sup>3</sup>

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## 10. Stability and Reactivity

Materials to be avoided: None known

Dangerous reactions: Self accelerating decomposition at SADT.

Dangerous products of decomposition: No hazardous decomposition products if used and stored according to specifications.

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## 11. Toxicological Information

Experience in practice: Contact with skin and eyes may lead to mechanical irritation. Repeated and prolonged exposure to high dust concentrations may lead to irritation of respiratory tract.

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## 12. Ecological Information

General notes: Do not discharge into the drains or waters and do not store on public dumpsites.

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**13. Disposal considerations**

Product:

Disposal according to European Waste Catalog (EWC).

Waste no.: 10 11 12

Uncleaned packagings: Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse. Packaging that cannot be clean should be disposed off in agreement with the regional waste disposal company.

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**14. Transport Information**

**Other applicable information**

The product does not constitute a hazardous substance in national or international road, rail, sea and air transport.

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**15. Regulatory Information**

Regulations of the European union (Labelling) / National legislation/Regulations:

The product does not require a hazard warning label in accordance with EC directives.

Council Directive 96/82/EC on the control of major-accident hazards involving dangerous substances:

Remarks Annex 1, part 1+2: not mentioned. With regard to possibly appropriate decomposition products see chapter 10.

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The information contained here in is based on the present state of our knowledge and does not therefore guarantee certain properties. Recipients of our product must take responsibility for observing existing laws and regulations.