

Safety Data Sheet

According to Regulation (EC) 1907/2006, 2020/878

Micro-Ballons

Revision date: 21.02.2024

Product code: 210126

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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Micro-Ballons

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture

Technical specialty additive in plastics.

1.3. Details of the supplier of the safety data sheet

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

EC Classification: Not a dangerous substance according to the Chemicals Act / EU Directive. (CLP)

2.2. Label elements

Additional advice on labelling

not classified as dangerous under the hazardous substances laws (GefStoffV)/EC Directives

2.3. Other hazards

Dust can be irritating. Spilled material may cause floors to be slippery.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Relevant ingredients

CAS No	Chemical name	Quantity		
	EC No	Index No	REACH No	
	Classification (GB CLP Regulation)			
50815-87-7	Amorphous Sodium Borosilicate			>95 %
7631-86-9	Synthetic amorphous Silicon Dioxide			<5 %

Full text of H and EUH statements: see section 16.

Further Information

The substance in the mixture does not meet the PBT/vPvB criteria according to REACH, annex XIII.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Change contaminated clothing.

After inhalation

Consult a doctor when complaints persist.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap. In case of skin irritation, seek medical treatment.

After contact with eyes

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

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After ingestion

Rinse mouth thoroughly with water. Seek medical advice immediately.

4.2. Most important symptoms and effects, both acute and delayed

Dust can be an irritant.

4.3. Indication of any immediate medical attention and special treatment needed

Provide symptomatic treatment.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

The product itself does not burn.

Unsuitable extinguishing media

Feuerlöschmaßnahmen auf die Umgebung abstimmen.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General advice

Wear suitable protective clothing. Wear eye/face protection.
Special slip hazard due to leaking/spilled product.

6.2. Environmental precautions

Prevents penetration into the sewage system or into surface and ground water. Floats due to low density. Risk of blockage of pipework.

6.3. Methods and material for containment and cleaning up

For containment

Remove spillages by sweeping up, vacuuming or wet collection. Cover the sewer system to prevent prevent it from entering the sewerage system.

For cleaning up

Take up mechanically.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Avoid contact with eyes, skin and clothing. Avoid formation of dust. Wash thoroughly after handling.

Advice on general occupational hygiene

Wear protective clothing. When using do not eat, drink or smoke.

Further information on handling

Special skid risk by leaking/spilling product.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container dry and tightly closed. Store in the original container or a clean plastic container. In case of high humidity or prolonged storage, the product containers should be stored in plastic bags to avoid clumping.

Hints on joint storage

Keep away from food, drink and animal feeding stuffs.

Observe the "Combined storage table depending on the storage class" in accordance with TRGS 510.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

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Additional advice on limit values

A: alveolar fraction: 1.25 mg/m³. E: inhalable fraction: 10 mg/m³

8.2. Exposure controls

Individual protection measures, such as personal protective equipment

Eye/face protection

Tightly sealed safety glasses.

Hand protection

Wear protective gloves.

Respiratory protection

Avoid inhalation of dusts. Wear approved respiratory protective equipment when working in a confined work area with inadequate ventilation, or when there is a risk of exposure to the material for longer than the maximum time listed above. For such respiratory equipment, see the UK Health and Safety Executive publication HS(G)53.

Environmental exposure controls

Do not discharge into drains, surface or groundwater.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Powder
Colour:	white
Odour:	odourless

SECTION 10: Stability and reactivity

10.1. Reactivity

stable under normal conditions

10.2. Chemical stability

stable under normal conditions

10.3. Possibility of hazardous reactions

No dangerous reactions at a correct storage and handling.

10.5. Incompatible materials

Acids

10.6. Hazardous decomposition products

no decomposition when stored and handled properly

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in GB CLP Regulation

Acute toxicity

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

ATEmix calculated

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

Irritation and corrosivity

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Serious eye damage/eye irritation: Based on available data, the classification criteria are not met.

Dust can be an irritant.

Sensitising effects

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

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Carcinogenic/mutagenic/toxic effects for reproduction

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

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

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

STOT-single exposure

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

STOT-repeated exposure

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

Aspiration hazard

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

11.2. Information on other hazards

Endocrine disrupting properties

This product does not contain any substance that exhibits endocrine disrupting properties towards humans, as no ingredient meets the criteria.

SECTION 12: Ecological information

12.2. Persistence and degradability

unknown

12.3. Bioaccumulative potential

unknown

12.4. Mobility in soil

water soluble.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to UK REACH.

12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7. Other adverse effects

unknown

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

The waste is classified as non-hazardous. For disposal, the local official regulations must be observed.

SECTION 14: Transport information

Land transport (ADR/RID)

Other applicable information (land transport)

No dangerous good in sense of these transport regulations.

Inland waterways transport (ADN)

Other applicable information (inland waterways transport)

No dangerous good in sense of these transport regulations.

Marine transport (IMDG)

Other applicable information (marine transport)

No dangerous good in sense of these transport regulations.

Air transport (ICAO-TI/IATA-DGR)

Other applicable information (air transport)

No dangerous good in sense of these transport regulations.

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SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulatory information

Additional information

EC Classification: Not a dangerous substance according to the Chemicals Act / EU Directive. (CLP)

SECTION 16: Other information

Changes

This data sheet contains changes from the previous version in section(s): 3,6,7,8,11,12.

Further Information

Avoid contact with the eyes and skin.

(The data for the relevant ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)