

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

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## BIO Glitter Mix

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

#### 1.1. Product identifier

**Trade name/designation:**

BIO Glitter Mix

#### Article No.:

5781 / 5791 / 57811 / 57812 / 57817 / 578120 / 578123 / 578125 / 578126 / 578131 / 578136 / 578158 / 578160 / 578165 / 5780XX

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

No data available

#### 1.3. Details of the supplier of the safety data sheet

**Supplier (manufacturer/importer/only representative/downstream user/distributor):**

**Max Bringmann KG**

Qualitätsmanagement

Johann-Höllfritsch-Str. 37

90530 Wendelstein

Germany

**Telephone:** +49 9129 277 0

**E-mail:** qualitaetsmanagement@folia.de

**Website:** www.folia.de

**E-mail (competent person):** qualitaetsmanagement@folia.de

#### 1.4. Emergency telephone number

Qualitätsmanagement, +49 9129 277 0 (Only available during office hours.)

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification according to Regulation (EC) No 1272/2008 [CLP]

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

#### 2.2. Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

According to EC directives or the corresponding national regulations the product does not have to be labelled.

**Hazard statements:** none

**Supplemental hazard information:** none

**Precautionary statements:** none

#### 2.3. Other hazards

##### Adverse physicochemical effects:

none

##### Adverse human health effects and symptoms:

none

##### Adverse environmental effects:

none

##### Other adverse effects:

none

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## BIO Glitter Mix

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

##### Hazardous ingredients / Hazardous impurities / Stabilisers:

Product identifiers	Substance name Classification according to Regulation (EC) No 1272/2008 [CLP]	Concentration
CAS No.: 26100-51-6	<b>PLA</b> The substance is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].	96.3 weight-%
CAS No.: 61788-97-4	<b>Epoxy R resin</b> The substance is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].	3 weight-%
CAS No.: 7429-90-5 REACH No.: 01-2119529243-45-XXXX	<b>ALUMINUM PASTE</b> The substance is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP]. <b>Acute Toxicity Estimate</b> ATE (oral) 0.888 mg/kg ATE (inhalation, dust/mist) > 0.888 mg/L	0.2 weight-%

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### General information:

No special measures are necessary.

##### Following inhalation:

Provide fresh air. Remove casualty to fresh air and keep warm and at rest. If breathing is irregular or stopped, administer artificial respiration. No mouth-to-mouth or mouth-to-nose resuscitation. Use Ambu bag or ventilator. Call a doctor if you feel unwell.

##### In case of skin contact:

If skin irritation occurs: Get medical advice/attention.

##### After eye contact:

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

##### Following ingestion:

Rinse mouth. Let 1 glass of water be drunken in little sips (dilution effect). Get medical advice/attention if you feel unwell.

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

Causes eye irritation.

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

Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

##### Suitable extinguishing media:

Co-ordinate fire-fighting measures to the fire surroundings. Use dry sand to extinguish. Dry extinguishing powder CO2-Foam

#### 5.2. Special hazards arising from the substance or mixture

May form combustible dust concentrations in air.

##### Hazardous combustion products:

Carbon dioxide

#### 5.3. Advice for firefighters

Use appropriate respiratory protection. Immerse in cold water for a prolonged period.

#### 5.4. Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

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## BIO Glitter Mix

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

##### 6.1.1. For non-emergency personnel

###### Personal precautions:

Avoid breathing dust/fume/gas/mist/vapours/spray. Remove persons to safety. Avoid dust formation.

###### Protective equipment:

Use personal protection equipment.

##### 6.1.2. For emergency responders

###### Personal protection equipment:

Personal protection equipment: see section 8

#### 6.2. Environmental precautions

Do not allow to enter into surface water or drains.

#### 6.3. Methods and material for containment and cleaning up

###### For containment:

Collect spillage. Measures to prevent aerosol and dust generation

###### For cleaning up:

Water (with cleaning agent)

###### Other information:

Local disposal regulations

#### 6.4. Reference to other sections

Safe handling: see section 7 Personal protection equipment: see section 8 Disposal: see section 13

#### 6.5. Additional information

Use appropriate container to avoid environmental contamination.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

###### Protective measures

###### Advices on safe handling:

Avoid contact with skin, eyes and clothes. Avoid dust formation.

###### Fire prevent measures:

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

###### Measures to prevent aerosol and dust generation:

Dust should be exhausted directly at the point of origin.

###### Advices on general occupational hygiene

When using do not eat, drink, smoke, sniff. Avoid contact with skin, eyes and clothes.

#### 7.2. Conditions for safe storage, including any incompatibilities

###### Technical measures and storage conditions:

Keep container tightly closed in a cool, well-ventilated place.

###### Packaging materials:

Keep/Store only in original container.

###### Requirements for storage rooms and vessels:

Keep cool. Protect from sunlight.

**Storage class (TRGS 510, Germany):** 13 – Non-combustible solids that cannot be assigned to any of the above storage classes

###### Further information on storage conditions:

Keep locked up and out of reach of children.

#### 7.3. Specific end use(s)

No data available

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## BIO Glitter Mix

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### 8.1.1. Occupational exposure limit values

Limit value type (country of origin)	Substance name	<b>① Long-term occupational exposure limit value</b> <b>② Short-term occupational exposure limit value</b> <b>③ Instantaneous value</b> <b>④ Monitoring and observation processes</b> <b>⑤ Remark</b>
DFG (DE) from 1 Jul 2024	<b>ALUMINUM PASTE</b> CAS No.: 7429-90-5	① 0.05 mg/m <sup>3</sup> ② 0.4 mg/m <sup>3</sup> ⑤ (alveolengängige Fraktion)
DFG (DE) from 1 Jul 2024	<b>ALUMINUM PASTE</b> CAS No.: 7429-90-5	① 0.5 mg/m <sup>3</sup> ② 4 mg/m <sup>3</sup> ⑤ (einatembare Fraktion)

##### 8.1.2. Biological limit values

Limit value type (country of origin)	Substance name	Limit value	<b>① Parameter</b> <b>② Test material</b> <b>③ Time of sampling:</b> <b>④ Remark</b>
TRGS 903 (DE) from 10 Oct 2024	<b>ALUMINUM PASTE</b> CAS No.: 7429-90-5	50 µg/g Creatinin	① Aluminium ② Urin ③ bei Langzeitexposition: am Schichtende nach mehreren vorangegangenen Schichten

##### 8.1.3. DNEL-/PNEC-values

No data available

#### 8.2. Exposure controls

##### 8.2.1. Appropriate engineering controls

No data available

##### 8.2.2. Personal protection equipment

###### Eye/face protection:

No special measures are necessary.

###### Skin protection:

No special measures are necessary.

###### Respiratory protection:

No special measures are necessary.

###### Other protection measures:

Wash hands before breaks and after work.

##### 8.2.3. Environmental exposure controls

No data available

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

##### Appearance

**Physical state:** solid

**Odour:** odourless

**Colour:** diverse

**flammability:** No

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### Safety relevant basis data

Parameter	Value	① Method ② Remark
pH	<i>not applicable</i>	
Melting point	> 300 °C	
Freezing point	<i>No data available</i>	
Initial boiling point and boiling range	<i>not applicable</i>	
Flash point	<i>not applicable</i>	
Evaporation rate	<i>No data available</i>	
Auto-ignition temperature	<i>not applicable</i>	
Upper/lower flammability or explosive limits	<i>not applicable</i>	
Vapour pressure	<i>No data available</i>	
Density	<i>No data available</i>	
Bulk density	<i>No data available</i>	
Water solubility	practically insoluble	

### particle characteristics:

No data available

## 9.2. Other information

No data available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

not relevant The product itself does not burn.

### 10.2. Chemical stability

Stable under recommended storage and handling conditions.

### 10.3. Possibility of hazardous reactions

Oxidising agent, strong

### 10.4. Conditions to avoid

Avoid high temperatures or direct sunlight. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

### 10.5. Incompatible materials

none

### 10.6. Hazardous decomposition products

In case of fire: Gases/vapours, toxic

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Acute oral toxicity:

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

#### Acute dermal toxicity:

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

#### Acute inhalation toxicity:

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

#### Skin corrosion/irritation:

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

#### Serious eye damage/irritation:

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

#### Respiratory or skin sensitisation:

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

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### 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.

### Additional information:

No data available

## 11.2. Information on other hazards

No data available

## SECTION 12: Ecological information

### 12.1. Toxicity

No data available

### 12.2. Persistence and degradability

No data available

### 12.3. Bioaccumulative potential

No data available

### 12.4. Mobility in soil

No data available

### 12.5. Results of PBT and vPvB assessment

No data available

### 12.6. Endocrine disrupting properties

No data available

### 12.7. Other adverse effects

No data available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Waste treatment options

##### Appropriate disposal / Product:

Consult the appropriate local waste disposal expert about waste disposal.

## SECTION 14: Transport information

Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
<b>14.1. UN number or ID number</b>			
No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.
<b>14.2. UN proper shipping name</b>			
No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.

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Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
<b>14.3. Transport hazard class(es)</b>			
not relevant	not relevant	not relevant	not relevant
<b>14.4. Packing group</b>			
not relevant	not relevant	not relevant	not relevant
<b>14.5. Environmental hazards</b>			
not relevant	not relevant	not relevant	not relevant
<b>14.6. Special precautions for user</b>			
not relevant	not relevant	not relevant	not relevant

## 14.7. Maritime transport in bulk according to IMO instruments

No data available

## SECTION 15: Regulatory information

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

#### 15.1.1. EU legislation

No data available

#### 15.1.2. National regulations



[DE] National regulations

Water hazard class

WGK:

keine Angabe

### 15.2. Chemical Safety Assessment

No data available

## SECTION 16: Other information

### 16.1. Indication of changes

No data available

### 16.2. Abbreviations and acronyms

ACGIH	American Conference of Governmental Industrial Hygienists
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
CAS	Chemical Abstracts Service
CLP	Classification, Labelling and Packaging
DIN	German Institute for Standardization / German Industrial Standard
DNEL	derived no-effect level
EN	European Standard
ES	Exposure scenario
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
ISO	International Standards Organisation
KG	body weight
MAK	Maximum concentration in the workplace air (CH)
NFPA	National Fire Protection Association
NIOSH	National Institute for Occupational Safety & Health
OSHA	Occupational Safety & Health Administration
PBT	persistent and bioaccumulative and toxic
PNEC	Predicted No Effect Concentration
REACH	Registration, Evaluation and Authorization of Chemicals
RID	Dangerous goods regulations for transport by rail

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TRGS Technische Regeln für Gefahrstoffe

UN United Nations

### 16.3. Key literature references and sources for data

No data available

### 16.4. Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

### 16.5. List of relevant hazard statements and/or precautionary statements from sections 2 to 15

No data available

### 16.6. Training advice

No data available

### 16.7. Additional information

No data available