

## Safety Data Sheet

according to EC regulation no. 1907/2006 (REACH) and (EU) 453/2010

Trade name: **HYBILAT MICRO**

Revised edition: 27.01.2020

### **1. Material-/Formulation and trade name**

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- 1.1 Registered trade name: HYBILAT MICRO
- 1.2 Fields of applications: Binder for oil and chemicals
- 1.3 Manufacturer / Supplier: Dr. Carl Riffer Baustoffwerke GmbH & Co. KG  
Eisenbahnstr. 12, 56218 Muelheim-Kaerlich  
Phone: 0049 26 30 / 96 515 0  
Fax: 0049 26 30 / 96 515 77
- Contact: Mrs. Andrea Romacho

### **2. Hazards**

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- 2.1 Classification of the material: According to the regulation (EG) no. 1272/2008  
(CLP):  
The material is classified as not dangerous in terms of the regulation (EG) no. 1272/2008.  
Classification according to EU-regulation 1999/45/EG: The material is classified as not dangerous in terms of EG-regulation 1999/45/EG.
- 2.2 WHMIS-Symbols: According to the regulation (EG) no. 1272/2008  
(CLP):  
None

### **3. Composition / information on components**

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HYBILAT MICRO is a product according to REACH. It is excluded from the labelling requirement (see item 15)

- 3.1 Chemical characterization: natural, light frothy volcanic glass known as expanded silica - CAS No.: 1332-09-8
- 3.2 Mineral content: silica, alumina, alkalis, iron oxide, calcium, magnesium, titanium oxide
- 3.3 Hazardous Ingredients: None

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### **4. First aid concerns**

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|--------------------------|--|
| 4.1 General information: | No special requirements  |
| 4.2 After inhalation:    | expanded silicate grains can not enter the respiratory tract. In case of dust inhalation provide fresh air |
| 4.3 After skin contact:  | rinse with hot water   |
| 4.4 After eye contact:   | Rinse eye for several minutes under running water  |

### **5. Fire-fighting measures**

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|--|---|
| 5.1. Suitable extinguishing agents:  | Use fire fighting measures that suit the environment. The product itself is not flammable. CO <sub>2</sub> , extinguishing powder or water spray. Fight larger fires with foam. |
| 5.2 Special hazards caused by the Material, its combustion products or resulting gases that can be released in case of fire: | not applicable  |
| 5.3 Special protective equipment:  | No special requirements   |

### **6. Precautions in case of accidental release:**

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|---------------------------------------|---|
| 6.1 Individual related precautions:   | Avoid dust formation (in dry material), wear personal safety clothing |
| 6.2 Environmental precautions:        | no special requirements   |
| 6.3 Methods for Cleaning/ Collecting: | Collect mechanically  |
| 6.4 Additional information:           | For information on personal protective equipment see Chapter 8        |

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### **7. Handling and Storage**

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#### 7.1 Handling:

Information for safe handling: in case of dust formation provide exhaust

Precautions for fire and explosion protection: the product is non-flammable

#### 7.2 Storage:

Request on the storage facility: according to the intended use store clean

### **8. Exposure limitations/definitions/controls and personal protective gear**

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8.1 Components with workplace related, to be monitored limits:

Avoid dust formation (in case of dry material)

#### 8.2 Individual Protective Equipment:

General protective and hygienic measures:

The usual precautions when handling dust should be observed.

#### 8.3 Respiratory protection:

Dust mask (when handling dry material)

#### 8.4 Hand protection:

Not required, gloves optional

#### 8.5 Eye protection:

Safety goggles are not required during normal application

#### 8.6 Skin protection:

Not required

### **9. Physical and Chemical Properties**

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Form:

grain size 0,3 - 2 mm

Color:

white, yellow, light gray

Odor:

Odorless

#### 9.1 Change of state:

Melting point / melting range: 1000 ° C

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9.2 Flash Point:	not determinable
9.3 Danger of explosion:	the product is non-explosive
9.4 Density:	ca. 320-420 kg / m <sup>3</sup>
9.5 pH-value:	7-11

### **10. Stability and reactivity**

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10.1 Thermal decomposition / conditions to avoid:	thermally stable, no decomposition by intended decomposition
10.2 Substances to be avoided:	none
10.3 Dangerous reactions:	No dangerous reactions known
10.3 Hazardous decomposition products:	not applicable

### **11. Information on toxicology**

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11.1 Acute toxicity:	
Primary irritant effect:	
on the skin:	No irritant effect
on the eye:	no / moderate irritant
11.2 Sensitization:	No sensitizing effect known
11.3 Additional toxicological cautions:	None

### **12. Ecological Information**

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General notes:	no negative effect on soil or groundwater
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### 13. Disposal information

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13.1 Recommendation: when worked into the soil, conducive for plant growth

13.2 Waste disposal key number: No information

### 14. Transport information

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Transport / additional information: No dangerous goods according to transport regulations

### 15. Regulations

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**This product is excluded of the REACH-Registration-Obligation according to EC 1907/2006 appendix V.II**

Expanded silicate is monitored according to DIN EN 13055-1:2002-08 "lightweight aggregate for concrete, mortar and grout"

Expanded silicate identification after EC guidelines: no identification obligation

Code letter and hazard symbols of the product: not applicable

Risk determent components for Labeling: None

R-phrases: ---

S-phrases: ---

Water hazard class: not hazardous for water

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### **16. Other information:**

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This information is based on the present level of our knowledge, but they do not constitute a guarantee of product properties and establishes no contractual legal relationship

Department issuing MSDS:

Research & Development



Contact:

Mrs. Andrea Romacho