

Safety Data Sheet

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

Trade name: **HYBILAT N**

Revised edition: 27.01.2020

1. Material-/Formulation and trade name

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

2. Hazards

2.1 Classification of the material: (CLP):	According to the regulation (EG) no. 1272/2008 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: (CLP):	According to the regulation (EG) no. 1272/2008 None

3. Composition / information on components

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

- | | |
|--------------------------|--|
| 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

- | | |
|--|---|
| 5.1. Suitable extinguishing agents: | Use fire fighting measures that suit the environment. The product itself is not flammable. CO ₂ , 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:

- | | |
|---------------------------------------|---|
| 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

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

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

Form: grain size 0,3-4 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 ³
9.5 pH-value:	7-11

10. Stability and reactivity

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

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

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

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

13.2 Waste disposal key number: No information

14. Transport information

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

15. Regulations

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 deterrent components for Labeling: None

R-phrases: ---

S-phrases: ---

Water hazard class: not hazardous for water

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16. Other information:

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