

**Voluntary safety information based on the
Safety data sheet format in accordance with Regulation (EG)**

Nr.1907/2006 (REACH)

with the changes to the 2020/878/EU

Trade name: **ROTOCELL**

Revised version of 27.01.2022

1. Name of the substance or of the Mixture and the company

1. 1 Product identifier: ROTOCELL
1. 2 Relevant identified uses of the substance or mixture and uses advised against
1. 2. 1 Dry mortar and building materials industry: Lightweight plaster, lightweight masonry mortar, insulating plaster, renovation plaster, supporting grain in thin-bed mortar, acoustic plaster, finishing plaster, lightweight screed, fire and soundproofing panels, lightweight concrete, dry fill
1. 2. 2 Construction chemistry: Organic plaster systems, tile adhesive, floor leveling compounds, reinforcing mortar, thin-bed mortar, paint and varnish systems, primers for plastics
1. 2. 3 Chemicals and Industrial application: Carrier material, surcharge, welding powder production, surcharge for the casting and refractory industry, oil and chemical binders.
1. 2. 4 Biological uses: Carrier material, bacteria carrier, substrate for cacti and orchids.
1. 2. 5 Abrasive applications: Orbital and vibratory grinding, pressure blasting
1. 2. 6 Filtration: Filter medium for drinking water, for seawater desalination, for waste water, for food, for air purification
1. 2. 7 Cosmetics and household products: Face Scrub, Hand Balms, Liquid Hand Soaps, Winter Spray
1. 2. 8 Filler: Plastics, automotive
1. 3 Details of the supplier providing the safety data sheet: Dr Carl Riffer Baustoffwerke GmbH & Co. KG
Eisenbahnstr. 12, 56218 Mülheim-Kärlich
Tel: +49 26 30 / 9 6 515 – 0
Fax: +49 26 30 / 9 6 515 – 77
1. 3. 1 Person responsible: Mr Andreas Esser
1. 4 Emergency number: Germany: +49 61 31 / 19 24 0
(Gift Info Mainz, 24 hours in German and English)

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2. Possible dangers

- | | |
|---|---|
| 2.1 Classification of the substance or mixture: | According to the regulation (EC) No. 1272/2008 (CLP):
The substance is classified as non-hazardous |
| 2.2 Labeling elements: | According to the regulation (EC) No.1272/2008 (CLP):
No |
| 2.3 Other hazards | No |

3. Composition/information on ingredients

- | | |
|---|--|
| ROTOCELL is an article within the meaning of Reach.
(See point 15) | Excluded from the registration requirement |
| 3.1 Chemical characterization: | Natural, light-colored, frothy, volcanic glass called pumice |
| 3.2 Mineral Inventory: | Silicic acid, alumina, alkalis, iron oxide, lime, magnesia, titanium oxide |
| 3.3 Dangerous ingredients: | No |

4. First Aid Measures

- | | |
|--------------------------|---|
| 4.1 General information: | No special actions required |
| 4.2 After inhalation: | Pumice grains are non-respiratory. If dust is inhaled, move to fresh air. |
| 4.3 After skin contact: | Rinse with warm water |
| 4.4 After eye contact: | Rinse eyes under running water for several minutes with eyelids open |

5. Fire-fighting measures

- | | |
|---|---|
| 5.1 Extinguishing media: | |
| 5.1.1 Suitable extinguishing media | CO2, extinguishing powder or water spray jet.
Fight larger fires with foam. |
| 5.1.2 Unsuitable extinguishing media | not applicable |
| 5.2 Special hazards arising from the substance or mixture | not applicable |
| 5.3 Advice for firefighters: | Adapt fire extinguishing measures to the environment. The product itself is non-flammable |

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6. Accidental release measures

6.1 Personal Precautions:	Avoid formation of dust (if the material is dry), wear personal protective equipment
6.1.1 & 6.1.2	not applicable
6.2 Environmental protection measures:	No special actions required
6.3 Methods for cleaning up/taking up:	Pick up mechanically
6.4 Reference to Other Sections	Information regarding personal protective equipment see chapter. 8

7. handling and storage

7.1 Precautions for safe handling:	Provide extraction if dust is formed
Conditions for safe storage, including any incompatibilities:	Store clean according to Intended Use
7.2 Specific end use:	not applicable

8. Limitation and monitoring of exposure / Personal protective equipment

8.1 Parameters to be monitored:	not applicable
8.2 Exposure controls:	The usual precautionary measures when handling dust must be observed.
8.2.1 Appropriate Engineering Controls:	Avoid formation of dust (with dry material). Vacuum up dust if necessary
8.2.2 Individual protection measures, such as personal protective equipment:	Dust mask (for dry material), protective gloves optional, protective goggles, not required for normal handling
8.2.3 Limitation and monitoring of environmental exposure	Not mandatory

9. physical and chemical properties

9.1 Information on basic physical and chemical properties:	
1. Shape:	Grain 0-16mm
2. Color:	White, yellow, light grey
3. Smell:	Odorless
4. Melting point / melting range:	1000°C
5th density	0.25 – 0.60 Mg/m ³
6. pH	about 7.5

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9.2 Other information

9.2.1 Physical hazard class information The product is non-flammable, no risk of explosion

9.2.2 Other safety-related parameters: not applicable

10. Stability and Reactivity

10.1 Reactivity This material is non-reactive under normal ambient conditions.

10.2 Chemical stability The material is under normal environmental conditions and under those of storage and handling expected temperature and pressure conditions stable.

10.3 Dangerous reactions: No dangerous reactions known

10.4 Conditions to avoid: Not known

10.5 Incompatible Materials No

10.6 Hazardous decomposition products: See section 5.

11. Toxicological information

11.1 Information on the hazard classes within the meaning of Regulation (EC) No. 1272/2008

Classification according to GHS (1272/2008/EG, CLP): This substance does not meet the criteria for classification according to Regulation No. 1272/2008/EC.

Acute toxicity, Corrosion/irritation, Serious eye damage, Respiratory or skin sensitization, Germ cell mutagenicity, Carcinogenicity, Reproductive toxicity, Aspiration hazard Should not be classified as such

If swallowed: No data available
In case of contact with the eyes: No data available
If inhaled: Irritation may occur
In case of skin contact: No data available

Other Information: No

11.2 Endocrine Disrupting Properties: Not listed

11.3 Information on other hazards: There is no additional information

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12. Environmental Information

12.1 Toxicity:	Shall not be classified as hazardous to the aquatic environment.
Biodegradability:	The methods for determining biodegradability are for inorganic substances not applicable.
12.2 Process of 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.

13. Disposal instructions

13.1 Waste treatment methods:	For waste disposal, contact the responsible authorized waste disposal company.
Relevant information for disposal via waste water:	Do not empty into drains.
13.2 Relevant waste legislation:	The assignment of the waste key numbers/waste designations is in accordance with EAKV Industries and to be carried out in a process-specific manner. List of Waste Ordinance (AVV replaces EAK Ordinance/ European waste catalog regulation).
13.3 Notes:	Waste must be segregated so that it can be separated from local or national waste disposal facilities can be treated separately. Please refer to the relevant national or regional provisions.

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14. Transport information

14.1 UN number or ID number	not subject to transport regulations
14.2 UN Proper Shipping Name	not assigned
14.3 Transport Hazard Classes	No
14.4 Packing Group	not assigned
14.5 Environmental Hazards	not hazardous to the environment according to the dangerous goods regulations
14.6 Special precautions for users	There is no additional information.
14.7 Bulk Carriage by Sea according to IMO Instruments	The cargo is not transported in bulk.
14.8 Disclosures under each UN Model Regulation	Not subject to the regulations of ADR, RID, ADN, IMDG, ICAO-IATA

15. Legislation

The product is exempt from the REACH registration obligation according to EC 1907/2006 Anhang V.II

Pumice is monitored according to DIN EN 13055-1 "Light aggregate for concrete, mortar and grout".

15.1 Pumice marking according to EEC guidelines: No labeling required

15.2 Code letter and hazard designation of the product: not applicable

15.3 Hazard components for labelling: No
R-Phrases: ---
S-phrases: ---

15.4 Water hazard class: Not hazardous to water

16. Other Information

The information is based on our current knowledge, but it does not represent a guarantee of product properties and does not constitute a contractual legal relationship
Department issuing data sheet: Research and Development

Contact Person

Dr. Carl Riffer
Baustoffwerke
GmbH & Co. KG
Eisenbahnstrasse 12
56418 Marheim-Karlich

Mr Andreas Esser