

## Safety Data Sheet

according to (EG) Nr. 1907/2006, (EG) Nr. 1272/2008 und (EG) Nr. 453/2010

Print date: 16.01.2019

Revision date: 16.01.2019

Version: 1.3

### 1 Chemical Produkt and Company Information

- **Product Identifier: grading of natural stone; basalt / basanite grit and gravel, crushed sand; Durubas®**

**Supplier:** Rheinische Provinzial-Basalt- und Lavawerke GmbH & Co. oHG,  
Werke Bolsdorf, Hühnerberg, Naak, Nickenich, Ochtendung;

Rother Berg GmbH, Werk Bell;

VELAG GmbH & Co. KG, Werk Plaidt

- **Informing Division: Department:** Nutrient laboratory
- **Emergency Information:**  
Tel.: 049 2642 - 4010 Central Call Center  
Tel.: 049 2625 – 959 26 20 Laboratory

### 2 Composition/ Information on Ingredients

- **Chemical characterization**
- **Description:**  
Natural, grey-black stone with the trade name: Basalt, basanite or Durubas.  
The material is under normal conditions of use inert, which means it shows no chemical reactions. Through crushing plants and sieving, the material is only being conditioned mechanical to get aggregates and aggregates mixtures.
- **Dangerous Ingredients:** no
- **EG-Nr.:** ---
- **Identifier:** basalt, basanite, natural stone
- **m%-area:** > 95

### 3 Hazards

- **Hazard Identification:** no
- **Information pertaining to particular dangers for man and environment:**  
Not required

### 4 First Aid

- **General instructions:** Hazardous reaction of the material is not known
- **After skin contact:**  
Wash with water and if necessary with soap.
- **After eye contact:**  
Rinse opened eyes under running water
- **After inhalation:**  
Dust-air mixtures are not harmful

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### 5 Fire Fighting Measures

- Basalt, basanite is not flammable

### 6 Accidental Release Measures

- **Personal- related safety precautions:**  
If necessary, wear Dusk-mask, gloves and goggles
- **Measures for environmental protections:**  
Avoid dust formation
- **Measure for cleaning/collecting:**  
Brush up, absorb

### 7 Handling and Storage:

- **Information for safe handling:**  
Avoid dust formation
- **Information about fire and explosion protection:**  
Not explosive, not flammable
- **Storage:**  
No special precautions necessary

### 8 Exposure Controls, Personal Protection

- **Additional information for technical systems:**  
No further information, see item 7
- **Components with limit values that require monitoring at the workplace:**  
Not included
- **Additional information:** No
- **Personal protection:**  
Respiratory: Dusk-mask  
Hand protection: Gloves  
Eye protection: Protective goggle
- **General protection and hygienic requirements:**  
No special measures required
- **Respiratory:** Dusk-mask
- **Hand protection:** Gloves
- **Eye protection:** Protective goggle
- **Body protection:** Not required

### 9 Physical and Chemical Characters

- **Appearance:** Solid, granular
- **Color:** Reddish brown- grey black
- **Odor:** Odorless
- **Change in conditions**
- **Melting point/ Melting range:** ca.1200 °C
- **Flash point:** Inapplicable
- **Critical values for explosion:** n.a.
- **Solid body content:** > 95 %

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### 10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:**  
Thermally stable; no decomposition possible
- **Substances to be avoided:** No
- **Dangerous reaction:** No
- **Dangerous products of decomposition:** No

### 11 Toxicological Information

- **Acute toxicity:** No
- **Primary effects:**
  - **On the skin:** No
  - **On the eye:** Mechanical
- **Sensitization:** No sensitizing effect known
- **Additional toxicological information:** No

### 12 Ecological Information

**General information:** Natural stone; no negative impairment of soil or groundwater

### 13 Disposal considerations

- **Waste code number:** n.a.

### 14 Transport information

- **Land carriage ADR/RID und GGVS/GGVE (international/ national):**
- **ADR/RID-GGVS/E category:** No hazardous material
- **Figure/Letter:** No hazardous material

### 15 Regulatory Information

- **Designation according to EWG-Guidelines:**  
No labeling
- **Code letter and hazard designation of product:**  
Not applicable
- **Hazard components of labelling:**  
No
- **R-Phrases :** --
- **S-Phrases:** --
- **Water hazard class:** No risk to water

### 16 Other Information:

The above information reflects the current status of our knowledge and experience.  
This does not bind us to any guarantee or assurance of properties.

- **Informing Division Department:** Central Laboratory RPBL
- **Contact person:** Mr. Knirsch