

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## Porrath, Alporit, Styrozell (1300-1600°C)

Print date: 28.01.2013

Page 1 of 4

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

#### Product identifier

Porrath, Alporit, Styrozell (1300-1600°C)

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

##### Use of the substance/mixture

Heat insulation, Classification temperature: 1300 - 1600°C

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

Company name:	Rath GmbH	
	Bennewitz	
Street:	Leulitzer Straße 6a	
Place:	D-04828 Bennewitz	
Telephone:	+49 (3425) 8948 - 0	Telefax: +49 (3425) 8948 - 13
Contact person:	Labor	
Internet:	www.rath-group.com	

**Emergency telephone:** +49 (3425) 8948-0  
This number is serviced during office hours.

### SECTION 2: Hazards identification

#### Classification of the substance or mixture

This mixture is not classified as dangerous according to Directive 1999/45/EC.

Product does not require special labelling according to Directive 67/548/EEC.

##### GHS classification

This mixture is not classified as dangerous according to Regulation (EC) No. 1272/2008.

#### Label elements

##### Additional advice on labelling

Product does not require special labelling according to Directive 67/548/EEC.

### SECTION 3: Composition/information on ingredients

#### Mixtures

##### Chemical characterization

Insulating fire brick based on light weight fireclay and corundum with/without clay bonding

### SECTION 4: First aid measures

#### Description of first aid measures

##### General information

Wash thoroughly (shower or bath).

##### After inhalation

In case of irritation of the respiratory tract seek medical advice. Provide fresh air.

##### After contact with skin

Subsequently wash again with: Water and soap.

##### After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water.

##### After ingestion

If swallowed, immediately drink: Water.

## Porrath, Alporit, Styrozell (1300-1600°C)

Print date: 28.01.2013

Page 2 of 4

### SECTION 5: Firefighting measures

#### Extinguishing media

##### **Suitable extinguishing media**

The product itself is not combustible.  
Extinguishing materials should be selected according to the surrounding area.

#### Advice for firefighters

Use appropriate respiratory protection.

### SECTION 6: Accidental release measures

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

Avoid generation of dust. Provide adequate ventilation.

#### Environmental precautions

No special environmental protection measures are necessary.

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

Beat down dust with water spray. Collect mechanically.  
Ensure waste is collected and contained.

### SECTION 7: Handling and storage

#### Precautions for safe handling

##### **Advice on safe handling**

Do not breathe dust. If suction of the immediate vicinity is impossible or insufficient, adequate airing of the working place must be ensured.

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

##### **Requirements for storage rooms and vessels**

Keep container dry. Keep container tightly closed.

##### **Further information on storage conditions**

Conditions to avoid: Dust deposits.

### SECTION 8: Exposure controls/personal protection

#### Control parameters

#### **Exposure limits (EH40)**

CAS No	Chemical name	ml/m <sup>3</sup>	mg/m <sup>3</sup>	F/ml	Category	Origin
1344-28-1	Aluminium oxides, respirable dust	-	4		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL

#### Exposure controls

##### **Protective and hygiene measures**

Wash hands before breaks and at the end of work.  
When using do not eat or drink.

##### **Respiratory protection**

If technical suction or ventilation measures are not possible or are insufficient, protective breathing apparatus must be worn.

##### **Hand protection**

Tested protective gloves are to be worn: dust proof.

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## Porraath, Alporit, Styrozell (1300-1600°C)

Print date: 28.01.2013

Page 3 of 4

### Eye protection

Tightly sealed safety glasses.

### Skin protection

Wash contaminated clothing prior to re-use.

## SECTION 9: Physical and chemical properties

### Information on basic physical and chemical properties

Physical state:	solid
Colour:	white, beige
Odour:	odourless

### Test method

### Changes in the physical state

:

not determined

### Explosive properties

No risks worthy of mention.

## SECTION 10: Stability and reactivity

### Hazardous decomposition products

No risks worthy of mention.

## SECTION 11: Toxicological information

### Information on toxicological effects

#### Specific effects in experiment on an animal

No information available, because for the substance no chemical safety report is required.

#### Irritation and corrosivity

May cause respiratory irritation.

#### Sensitising effects

Frequently or prolonged contact with skin may cause dermal irritation.

#### Additional information on tests

The classification was undertaken in accordance with the calculation method governed by the Preparations Directive (1999/45/EC).

## SECTION 12: Ecological information

### Further information

The classification was undertaken in accordance with the calculation method governed by the Preparations Directive (1999/45/EC).

## SECTION 13: Disposal considerations

### Waste treatment methods

#### Advice on disposal

Waste disposal according to official state regulations.

#### Contaminated packaging

Water (with cleaning agent). Completely emptied packings can be re-cycled.

## SECTION 14: Transport information

### Land transport (ADR/RID)

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## Porrath, Alporit, Styrozell (1300-1600°C)

Print date: 28.01.2013

Page 4 of 4

**UN proper shipping name:** Not a hazardous material with respect to these transportation regulations.

### Inland waterways transport

**UN proper shipping name:** Not a hazardous material with respect to these transportation regulations.

### Marine transport

**UN proper shipping name:** Not a hazardous material with respect to these transportation regulations.

### Air transport

**UN proper shipping name:** Not a hazardous material with respect to these transportation regulations.

### Environmental hazards

Dangerous for the environment: no

## SECTION 15: Regulatory information

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

#### **National regulatory information**

Water contaminating class (D): - - not water contaminating

#### **Chemical Safety Assessment**

For this substance a chemical safety assessment is not required.

## SECTION 16: Other information

### **Further Information**

Notice the directions for use on the label.

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*