

Safety Data Sheet

according to Regulation (EC) No 1907/2006

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

Print date: 28.01.2013

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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
Contact person:	Labor
Internet:	www.rath-group.com
Emergency telephone:	+49 (3425) 8948-0
	This number is serviced during office hours.

Telefax: +49 (3425) 8948 - 13

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.

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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 ³	mg/m ³	F/ml	Category	Origin
1344-28-1	Aluminium oxides, respirable dust	-	4	-	TWA (8 h) STEL (15 min)	WEL 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.

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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)

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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.)