

PAREX

Specialist materials for civil engineering, infrastructure and construction

SAFETY DATA SHEET

Rapid Mortar Range

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

1.1. Product Identifier

Product name Rapid Mortar Range

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Cement-based, polymer-reinforced fast-setting mortar

1.3. Details of the supplier of the safety data sheet

Supplier PAREX Ltd
Holly Lane Industrial Estate
Atherstone
Warwickshire
CV9 2QZ

Tel: +44 (0)1827 711755, (Mon-Fri 8:30-16:30)

Fax: +44 (0)1827 711330

sds@parex.co.uk

1.4. Emergency telephone number

Emergency telephone Tel: 44 (0)1827 711755 (Mon-Fri 08:30 - 16:30)

SECTION 2: Hazards Identification

2.1. Classification of the substance or mixture

Classification

Physical hazards

Not Classified

Health hazards

Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Skin Sens. 1 - H317 STOT SE 3 - H335

Environmental hazards

Not Classified

2.2. Label elements

Pictogram



Signal word

Danger

Hazard statements

H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H335 May cause respiratory irritation.

Precautionary statements

Rapid Mortar Range

P264 Wash contaminated skin thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P501 Dispose of contents/container in accordance with national regulations.

P402+P404 Store in a dry place. Store in a closed container.

Use within six months of date of manufacture.

Contains

Portland Cement

2.3. Other hazards**SECTION 3: Composition/information on ingredients****3.2. Mixtures**

Portland Cement CAS number: 65997-15-1 EC number: 266-043-4	30-60%
Classification Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Skin Sens. 1 - H317 STOT SE 3 - H335	Classification (67/548/EEC or 1999/45/EC)
SILICA SAND CAS number: 14808-60-7 EC number: 238-878-4	10 - 40%
Classification Acute Tox. 4 - H332	Classification (67/548/EEC or 1999/45/EC) -
CALCIUM HYDROXIDE CAS number: 1305-62-0 EC number: —	1-5%
Classification Skin Irrit. 2 - H315 Eye Dam. 1 - H318 STOT SE 3 - H335	Classification (67/548/EEC or 1999/45/EC) Xi;R38,R41.
VINYL ACETATE CAS number: 108-05-4 EC number: 203-545-4	<1%
Classification Flam. Liq. 2 - H225	Classification (67/548/EEC or 1999/45/EC) F;R11

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures**4.1. Description of first aid measures****Inhalation**

Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.

Ingestion

Immediately rinse mouth and drink plenty of water. If person becomes uncomfortable or if ingested in large amounts (50-100 ml for an adult person): Take to hospital along with these instructions.

Skin contact

Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if symptoms are severe or persist after washing.

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Eye contact

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyelids widely. If irritation persists: Seek medical attention and bring along these instructions.

Protection of first aiders

First aid personnel should wear appropriate protective equipment during any rescue.

4.2. Most important symptoms and effects, both acute and delayed

General information

See Section 11 for additional information on health hazards.

4.3. Indication of any immediate medical attention and special treatment needed

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.

5.2. Special hazards arising from the substance or mixture

5.3. Advice for firefighters

Special protective equipment for firefighters

Use protective equipment appropriate for surrounding materials.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions

Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions

Environmental precautions

Do not discharge into drains, water courses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up

Avoid generation and spreading of dust. Collect spillage for reclamation or disposal in sealed containers via a licensed waste contractor.

6.4. Reference to other sections

Reference to other sections

For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions

Avoid contact with skin, eyes and clothing.

Advice on general occupational hygiene

Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions

Store in tightly-closed, original container in a dry, cool and well-ventilated place.

7.3. Specific end use(s)

Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure Controls/personal protection

Rapid Mortar Range

8.1. Control parameters

Occupational exposure limits

Portland Cement

Long-term exposure limit (8-hour TWA): WEL 10 mg/m³ inhalable dust

Long-term exposure limit (8-hour TWA): WEL 4 mg/m³ respirable dust

SILICA SAND

Long-term exposure limit (8-hour TWA): WEL 0,1 mg/m³

CALCIUM HYDROXIDE

Long-term exposure limit (8-hour TWA): WEL 5 mg/m³

VINYL ACETATE

Long-term exposure limit (8-hour TWA): OES 10 ppm 36 mg/m³

Short-term exposure limit (15-minute): OES 20 ppm 72 mg/m³

WEL = Workplace Exposure Limit

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

As this product contains ingredients with exposure limits, process enclosures, local exhaust ventilation or other engineering controls should be used to keep worker exposure below any statutory or recommended limits, if use generates dust, fumes, gas, vapour or mist.

Eye/face protection

Personal protective equipment for eye and face protection should comply with European Standard EN166.

Hand protection

Wear protective gloves.

Other skin and body protection

Wear appropriate clothing to prevent skin contamination.

Hygiene measures

Wash at the end of each work shift and before eating, smoking and using the toilet.

Respiratory protection

If ventilation is inadequate, suitable respiratory protection must be worn.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance

Powder.

Odour

Odourless.

pH

Approximately 12 - 13 in aqueous solution.

Melting point

Not applicable.

Initial boiling point and range

Not applicable.

Flash point

Rapid Mortar Range

Not applicable.

Evaporation rate

Not applicable.

Flammability (solid, gas)

Not applicable.

Vapour pressure

Not applicable.

Relative density

>1

9.2. Other Information

SECTION 10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

Stability

Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

10.5. Incompatible materials

10.6. Hazardous decomposition products

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - inhalation

ATE Inhalation (dusts/mists mg/l)

7.8125

Skin corrosion/irritation

Human skin model test

Irritating.

Serious eye damage/irritation

Corrosivity to eyes is assumed.

Skin sensitisation

Sensitising.

Specific target organ toxicity - single exposure

Target organs

Respiratory system, lungs

Aspiration hazard

May be harmful if swallowed and enters airways.

Inhalation

Irritating to respiratory system.

Skin contact

May cause an allergic skin reaction.

Eye contact

Causes serious eye damage.

SECTION 12: Ecological Information

12.1. Toxicity

Rapid Mortar Range

12.2. Persistence and degradability

12.3. Bioaccumulative potential

12.4. Mobility in soil

Mobility

The product is insoluble in water.

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information

Dispose of waste product or used containers in accordance with local regulations

SECTION 14: Transport information

General Not classified as hazardous for transport.

14.1. UN number

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

14.6. Special precautions for user

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

SECTION 15: Regulatory information

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

EU legislation

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended). Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

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Hazard statements in full

H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.

Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.