

EC SAFETY DATA SHEET

According to Regulation (EC) No 1907/2006 (REACH) and (EU) No 453/2010

Pacifyre® FPM Fire protection mortar

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

1.1 Product identifiers

Pacifyre® FPM Fire protection mortar

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

Use: Building material

1.3 Details of the supplier of the safety data sheet

Supplier:

J. van Walraven Holding B. V.

Industrieweg 5 | 3641 RK Mijdrecht | The Netherlands

Tel. 0031 297 23 30 00 | Fax. 0031 297 23 30 33 | info.nl@walraven.com | walraven.com

1.4 Emergency telephone number

Language Telephone Number and Opening Hours

UK +44 (0) 1295 753400 (Monday to Thursday 08:30 - 17:00; Friday 08:30 - 16:00).

2. SECTION: Hazards identification

2.1 Classification of the substance or mixture

Classification and labelling according to Directive 1272/2008/EC:

Skin Irrit. 2; H315 / Eye Dam. 1; H318 / STOT SE 3; H335.

2.2 Label elements

Classification according to 1272/2008/EC: Yes.

Applicable Exemptions: No.

Signal word(s): Danger.

Component(s): 266-043-4 Cement, portland, chemicals

H - Phrases:

H315: Causes skin irritation.

H318: Causes serious eye damage.

H335: May cause respiratory irritation.



P - Phrases:

P102: Keep out of reach of children.

P261: Avoid inhalation of dust.

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

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

P310: Immediately call a POISON CENTER/doctor.

P302+P352: IF ON SKIN: Wash with plenty of water/soap.

P333+P313: If skin irritation or rash occurs: Get medical advice/attention.

P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P312: Call a POISON CENTER/doctor if you feel unwell.

P501: Dispose of contents/container to hazardous or special waste collection point

Additional Markings:

The above mentioned labeling is valid for distribution to industrial user.

2.3 Other hazards

According to the results of the evaluation this substance is not PBT or vPvB.

According to concentration, aqueous solution causes irritation or burns of eyes, skin and mucous membranes.

3. SECTION: Composition/information on ingredients

3.1 Substances

Dangerous Ingredients:

Material: Cement, Portland, chemicals

Cas - No.	Index - No.	EC - No.	REACH -No.	H - phrases	m% - range
65997-15-1	Not available	266-0043-4	Not applicable	Skin Irrit. 2; H315 Eye Dam. 1; H318 STOT SE 3; H335	20 - 100

3.2 Mixtures

Chemical Characterisation: Not applicable

Text of H - phrases: see section 16.

4. SECTION: First aid measures

4.1 Description of first aid measures

4.1.1 Inhalation: Move to fresh air in case of accidental inhalation of dust or fumes from overheating or combustion. If symptoms persist, call a physician.

4.1.2 Skin Contact: Before washing use a dry brush to remove dust from skin. Wash off with plenty of water. Remove and wash contaminated clothing before re-use. If skin irritation persists, call a physician.

4.1.3 Eye Contact: Call a physician immediately. In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Particles are mechanically irritating to eyes.

4.1.4 Ingestion: Do not induce vomiting. Clean mouth with water and afterwards drink plenty of water. Consult a physician. Show this safety data sheet to the doctor in attendance.

4.2 Most important symptoms and effects, both acute and delayed

Skin: Contact irritation.

Eye contact: Causes serious eye damage. May cause irreversible eye damage.

Respiratory system: May be harmful by inhalation (after often repeated need to close the bracket).

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5. SECTION: Firefighting measures

5.1 Extinguishing media

5.1.1 Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

5.1.2 Extinguishing Media to Avoid

High volume water jet.

5.2 Special hazards arising from the substance or mixture

None.

5.3 Advice for firefighters

5.3.1 Special Protective Equipment

Wear positive pressure self-contained breathing apparatus. Wear full protective clothing.

5.3.2 Additional Information

Collect contaminated fire extinguishing water separately. This must not be discharged into drains (alkaline).

6. SECTION: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

See chapter 8.2.2

Do not breathe dust.

6.2 Environmental precautions

Do not contaminate water.

6.3 Methods and material for containment and cleaning up

Use mechanical handling equipment. Avoid dust formation.

If recycling is not practicable, dispose of in compliance with local regulations.

Decomposes in contact with water. Spilled material will solidify.

6.4 Reference to other sections

None.

7. SECTION: Handling and storage

7.1 Precautions for safe handling

7.1.1 Precautions for Safe Handling

Do not breathe dust. Avoid contact with skin and eyes.

Remove and wash contaminated clothing before re-use.

Wash hands before breaks and at the end of workday.

When using, do not eat, drink or smoke.

When diluting, always add the product to water. Never add water to the product.

7.1.2 Precautions in Case of Fire and Explosion

No special precautions required. Normal measures for preventive fire protection.

7.2 Conditions for safe storage, including any incompatibilities

7.2.1 Storage Instructions

Keep container tightly closed in a dry and well-ventilated place. Never allow product to get in contact with water during storage.

Protect from contamination. Do not use containers made of aluminium.

7.2.2 Store away from

Do not store near acids.

7.2.3 Further Information on Storage Conditions

Provide appropriate exhaust ventilation at places where dust is formed.

7.3 Specific end use(s)

Not available.

8. SECTION: Exposure controls/personal protection

8.1 Control parameters Material Limit Value

8.2 Exposure controls

8.2.1 Appropriate engineering controls

Provide for appropriate exhaust ventilation and dust collection at machinery.

8.2.2 Individual protection measures

8.2.2a Respiratory Protection: Breathing apparatus only if dust is formed.
Recommended filter type: FFP1/ FFP2.

8.2.2b Hand Protection: Protective gloves (Cotton, nitril impregnated)
Do not wear leather shoes.
Use protective skin cream before handling the product.
Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time.

8.2.2c Eye Protection: Tightly fitting safety goggles.

8.2.2d Skin Protection: Boots long sleeved clothing.

8.2.2e Further information: Observe wearing time limits.

8.2.3 Environmental exposure controls: Do not contaminate water.

9. SECTION: Physical and chemical properties

9.1 Information on basic physical and chemical properties

9.1.1	Form:	Powder.
	Colour:	White / light grey / grey.
	Odour:	Odourless.
	Odour threshold:	Not available.
9.1.2	pH-value, undiluted:	Not applicable.
	pH-value, 1% aqueous solution:	11,0 – 13,5.
9.1.3	Boiling point / Boiling – range (°C):	Not available, Melting point / Melting range (°C): > 1250.
9.1.4	Flash point (°C):	Not applicable, closed cup.
9.1.5	Flammability (EEC A10/A13):	None.
9.1.6	Ignition temperature (°C):	Not available.
9.1.7	Autoflammability (EEC A16):	Not available.
9.1.8	Oxidising properties:	None.
9.1.9	Explosion hazard:	None.
9.1.10	Explosion limits (Vol.%) lower:	Not applicable, Upper: Not applicable.
9.1.11	Vapour pressure:	Not applicable.
	Vapour density (Air = 1):	Not applicable.
9.1.12	Density (g/ml):	Bulk density 900 - 1500 kg / m ³ .
9.1.13	Solubility (in Water):	< 3 g / l.
9.1.14	Partition coefficient, n-Octanol / Water:	Not available.
9.1.15	Viscosity:	Not applicable.
9.1.16	Solvent content (m %):	Not relevant.
9.1.17	Thermal decomposition (°C):	Not available.
9.1.18	Evaporation rate:	Not available.

9.2 Other information. Not applicable.

10. SECTION: Stability and reactivity

10.1 Reactivity

None.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use.

10.4 Conditions to avoid

Never allow product to get in contact with water during storage.

10.5 Incompatible materials

Incompatible with acids, ammonium salts aluminium. Corrodes base metals.

10.6 Hazardous decomposition products

No decomposition if stored and applied as directed.

11. SECTION: Toxicological information

11.1 Information on toxicological effects

Acute Health Effects

Inhalation:	None. Limit test rat 5 mg / m ³ .
Ingestion:	None.
Skin Contact:	None. Limit Test rabbits.
Skin corrosion / irritation:	Causes skin irritation.
Serious eye damage / irritation:	Causes serious eye damage.
Respiratory or skin sensitisation:	Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.
Germ cell mutagenicity:	Not available.
Carcinogenicity:	Not available.
Reproductive toxicity:	Not available.
STOT–single exposure:	Not available.
STOT–repeated exposure:	Not available.
Aspiration hazard:	Not available.

11.2 Practical Experience

Observations relevant for classification: Irritating to respiratory system.

Further Observations: According to concentration, aqueous solution causes irritation or burns of eyes, skin and mucous membranes.

12. SECTION: Ecological information

12.1 Toxicity

We have no quantitative data concerning the ecological effects of this product. An environmental hazard cannot be excluded in the event of unprofessional handling or disposal (aqueous solution is alkaline).

12.2 Persistence and degradability

The methods for determining biodegradability are not applicable to inorganic substances.

Contact with water: Spilled material will solidify.

12.3 Bioaccumulative potential

Not applicable.

12.4 Mobility in soil

Not applicable.

12.5 Results of PBT and vPvB assessment

According to the results of the evaluation this substance is not PBT or vPvB.

12.6 Other adverse effects

12.6.1 COD–Value mg/g: Not applicable.

12.6.2 BOD5–Value, mg/g: Not applicable.

12.6.3 AOX–Remarks: Not applicable.

12.6.4 Significant Components: None.

12.6.5 Other adverse effects: Not applicable.

13. SECTION: Disposal considerations

13.1 Waste treatment methods

13.1.1 Recommendation: Waste – Code – No.: 17 09 04.

The Waste code should be assigned in discussion.

Between the user, the producer and the waste disposal company.

In addition comply with the regional authorities.

13.2 Contaminated Packaging

13.2.1 Recommendation: Wash with suitable cleaner. Otherwise as described under Residues.

13.2.2 Safe Handling: As described under Residues.

14. SECTION: Transport information

ADR Not a dangerous substance as defined in the regulations.

IMDG Not a dangerous substance as defined in the regulations.

IATA Not a dangerous substance as defined in the regulations.

14.1 **UN-Number:** Not applicable.

14.2 **UN proper shipping name:** Not applicable.

14.3 **Transport hazard class(es):** Not applicable.

14.4 **Packing group:** Not applicable.

14.5 **Environmental hazards:** Not applicable.

14.6 **Special precautions for user:** Not Applicable.

14.7 **Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:** Not applicable.

15. SECTION: Regulatory information

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

Not available.

15.2 Chemical safety assessment:

A chemical safety assessment has not been carried out.

16. SECTION: Other information

16.1 Text of H phases mentioned in Section 3

H315: Causes skin irritation.

H318: Causes serious eye damage.

H335: May cause respiratory irritation.

This datasheet has been compiled in accordance with EU regulation 453/201.

The statements in this Material Safety Data Sheet were made to the best of our knowledge and are as accurate as possible.

They are given for information only. They do not constitute a contractual guarantee of a product's properties. They must neither be altered nor transferred to other products. Prepared by: CoSiChem AG, Ernst-Lemmer-Straße 23, D-35041 Marburg, info@cosichem.de, +49-6421-886563; Receipt of Data: 19.05.2015, put_0001.