SAFETY DATA SHEET

Brandskyddsmassa Fire Mortar

The safety data sheet is in accordance with Commission Regulation (EU) 2020/878 of 18 June 2020 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

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

Date issued	07.12.2023
Revision date	18.03.2024

1.1. Product identifier

Product name	Brandskyddsmassa Fire Mortar
Synonyms	FPS Brandskyddsmassa
Article no.	100942

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

Use of the substance / mixture	Fire seal. Insulation.
Professional use	Yes

1.3. Details of the supplier of the safety data sheet

Company name	Fireseal AB
Postal address	Esbogatan 14
Postcode	SE-164 74
City	Kista
Country	Sweden
Email	info@fireseal.se

1.4. Emergency telephone number

Emergency telephone	Telephone number: 112 Description: SOS.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Substance / mixture hazardous properties	Not regarded as a health or environmental hazard under current legislation.

2.2. Label elements

Other label information (CLP)	Not classified. H statements shall not specified.

2.3. Other hazards

PBT / vPvB	Not PBT or vPvB.
Hazard description, general	The product has not been classified according to the legislation in force.

SECTION 3: Composition / information on ingredients

3.2. Mixtures

Composition type	Mixture
Substance comments	Kalciumsulfat, expanderad perlit, kalciumhydroxid och glasfiber.

SECTION 4: First aid measures

4.1. Description of first aid measures

General	Place unconscious person on the side in the recovery position and ensure breathing. Get medical attention if any discomfort continues. Do not give victim anything to drink if he is unconscious.
Inhalation	Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.
Skin contact	Remove contaminated clothing immediately and wash skin with soap and water. Do not use solvents. Contact physician if irritation persists.
Eye contact	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention if you feel unwell.
Ingestion	Rinse mouth with water. Drink plenty of water. Provide rest, warmth and fresh air. Do NOT induce vomiting. Get medical attention if any discomfort continues. Upon contact with the doctor, show the safety data sheet or label.

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

Acute symptoms and effects	Eye irritation. Ingestion may cause nausea and vomiting. Skin irritation.

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

Medical treatment	Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Carbon dioxide (CO2). Alcohol resistant foam. Powder. Water spray.
Improper extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Fire and explosion hazards	Thick, black smoke

5.3. Advice for firefighters

Personal protective equipment	Use breathing apparatus. Use personal protective equipment as required.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal protection measures	Avoid breathing dust / fume / gas / mist / vapours / spray. Use personal protective equipment as required.

6.2. Environmental precautions

Environmental precautionary measures	Do not allow to enter drains, sewers or watercourses.

6.3. Methods and material for containment and cleaning up

Containment	Absorb with inert, damp, non-combustible material, then flush area with water.
Clean up	Avoid dust formation. Flush with plenty of warm water and detergent to clean spillage area. Do not use solvents.

6.4. Reference to other sections

Other instructions	See section 7, 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling	Avoid contact with skin and eyes. When using do not eat, drink or smoke. Wash hands before breaks and before smoking, eating or drinking. Container must be kept tightly closed. Eliminate all sources of ignition. Observe good chemical hygiene practices.

7.2. Conditions for safe storage, including any incompatibilities

Storage	Store in tightly closed original container in a dry and cool place. Protect from moisture. Store in a dry place. Keep separate from food, feedstuffs, fertilisers and other sensitive material. Keep out of reach of children.

7.3. Specific end use(s)

Specific use(s)	See section 1.2

SECTION 8: Exposure controls / personal protection

8.1. Control parameters

Control parameters comments	The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

8.2. Exposure controls

Precautionary measures to prevent exposure

Appropriate engineering controls	Well-ventilated area.

Eye / face protection

Suitable eye protection	Wear tight-fitting goggles or face shield. EN166

Hand protection

Skin- / hand protection, short term contact	For prolonged or repeated skin contact use suitable protective gloves. EN374

Skin protection

Suitable protective clothing	Wear suitable protective clothing as protection against splashing or contamination.
Additional skin protection measures	Remove contaminated clothing and wash the skin thoroughly with soap and water after work. Wash hands after contact.

Respiratory protection

Respiratory protection necessary at	In case of inadequate ventilation use suitable respirator.

Appropriate environmental exposure control

Environmental exposure controls	Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form	Solid: particulate/powder
Colour	Grey. White.
Odour	No characteristic odour.
pH	Value: 5 -7
Melting point / melting range	Comments: No data available

Freezing point	Comments: No data available
Boiling point / boiling range	Comments: No data available
Flash point	Comments: No data available
Flammability	No data available
Lower explosion limit with unit of measurement	Comments: No data available
Upper explosion limit with units of measurement	Comments: No data available
Vapour pressure	Comments: No data available
Vapour density	Comments: No data available
Particle characteristics	Comments: No data available
Density	Value: ~ 970 g/l
Solubility	Comments: No data available
Partition coefficient: n-octanol/ water	Comments: No data available
Auto-ignition temperature	Comments: No data available
Decomposition temperature	Value: ≤ 1200 °C
Viscosity	Comments: No data available

9.2. Other information

Physical hazards

Content of VOC	Comments: TVOC(FLEC, 28 d) < 10 µg/m2h

Other physical and chemical properties

Physical and chemical properties	No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stability	Stable under the prescribed storage conditions.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	None under normal conditions.

10.4. Conditions to avoid

Conditions to avoid	The product will harden into a hard mass in contact with water and moisture.

10.5. Incompatible materials

Materials to avoid	Water, steam, water mixtures.

10.6. Hazardous decomposition products

Hazardous decomposition products	None known.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Other toxicological data	No specific health warnings noted.

Other information regarding health hazards

Assessment of acute toxicity, classification	No specific health warnings noted.
Assessment of skin corrosion / irritation, classification	No specific health warnings noted.
Assessment of eye damage or irritation, classification	No specific health warnings noted.
Assessment of respiratory sensitisation, classification	No specific health warnings noted.
Assessment of skin sensitisation, classification	No specific health hazard indicated.
Skin contact	Prolonged and frequent contact may cause redness and irritation.
Assessment of germ cell mutagenicity, classification	No specific health warnings noted.
Assessment of carcinogenicity, classification	No specific health warnings noted.
Assessment of reproductive toxicity, classification	No specific health warnings noted.
Assessment of specific target organ toxicity - single exposure, classification	No specific health hazard indicated.
Assessment of specific target organ toxicity - repeated exposure, classification	No specific health warnings noted.
Assessment of aspiration hazard, classification	No specific health warnings noted.

Symptoms of exposure

In case of ingestion	May cause stomach pain or vomiting.
In case of skin contact	May cause skin irritation/eczema.
In case of inhalation	No specific health warnings noted.
In case of eye contact	Direct contact may irritate.

11.2 Other information

Endocrine disruption	This product does not contain any substances considered to be endocrine

	disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity	Not classified as dangerous to the environment.

12.2. Persistence and degradability

Persistence and degradability description/evaluation	No recommendation given.

12.3. Bioaccumulative potential

Bioaccumulation, evaluation	No recommendation given.

12.4. Mobility in soil

Mobility	No recommendation given.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment	Not Classified as PBT/vPvB by current EU criteria.

12.6. Endocrine disrupting properties

Endocrine disrupting properties	This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

12.7. Other adverse effects

Additional ecological information	No recommendation given.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Appropriate methods of disposal for the chemical	Dispose of waste and residues in accordance with local authority requirements. Do not allow runoff to sewer, waterway or ground.
EWC waste code	EWC waste code: 170802 gypsum-based construction materials other than those mentioned in 17 08 01 Classified as hazardous waste: No
EWL packing	EWC waste code: 150106 mixed packaging Classified as hazardous waste: No

SECTION 14: Transport information

Dangerous goods	No

14.1. UN number

Comments	The product is not classified as dangerous goods.

14.2. UN proper shipping name

Comments	Not relevant.

14.3. Transport hazard class(es)

Comments	Not relevant.

14.4. Packing group

Comments	Not relevant.

14.5. Environmental hazards

Comments	Not relevant.

14.6. Special precautions for user

Special safety precautions for user	Not relevant.

14.7. Maritime transport in bulk according to IMO instruments

Transport in bulk (yes/no)	No

SECTION 15: Regulatory information

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

Nanomaterial	No
Legislation and regulations	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), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments. Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (REACH). Avfallsförordning (2020:614) med senare ändringar.

15.2. Chemical safety assessment

Chemical safety assessment performed	No

SECTION 16: Other information

Supplier's notes	The information on this data sheet represents our current data and is reliable

	provided that the product is used under the prescribed conditions and in accordance with the application specified on the packaging and/or in the technical guidance literature. Any other use of the product which involves using the product in combination with any other product or any other process is the responsibility of the user.
Key literature references and sources for data	MSDS supplied by the manufacturer
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