

SAFETY DATA SHEET

Marine Blanket

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 14.03.2023

1.1. Product identifier

Product name Marine Blanket
Synonyms Blanket D-24B
Article no. 100903, 100904

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

Use of the substance / mixture Fire retardant additive.
Relevant identified uses SU19 Building and construction work
C18.1 Construction articles and building material for indoor use: wall construction material, ceramic, metal, plastic and wood construction material, insulating material.

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: In case of emergency

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.

SECTION 3: Composition / information on ingredients

3.2. Mixtures

Substance	Identification	Classification	Contents	Notes
Mineral wool	Index No.: 650-016-00-2	Carc. 2; H351; CLP classification, notes: A; Q; R	100 %	1

¹Substance classified with a health or environmental hazard

Substance comments Mineral wool is classified as carcinogenic, category 3, according to the CLP (EG nr 1272/2008). If the fibre complies with one out of four conditions according to note Q in CLP, the fibre will not be classified as carcinogenic. The product contains a mineral wool which fulfils the criteria concerning biological solubility and is because of that not classified as carcinogenic, tested according to an EU record ECB/TM 26:27 rev 7 1998.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Fresh air. Rinse nose and mouth with water. Get medical advice/attention if you feel unwell.
Skin contact	Gently wash with plenty of soap and water. Remove contaminated clothing.
Eye contact	Rinse cautiously with water for several minutes. Hold eyelids apart.
Ingestion	Drink plenty of water.

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

Acute symptoms and effects Skin irritation. Eye irritation. Irritation of the respiratory tract.

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 The product is non-combustible. Use fire-extinguishing media appropriate for surrounding materials.

5.2. Special hazards arising from the substance or mixture

Fire and explosion hazards	The product is non-combustible.
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5.3. Advice for firefighters

Fire fighting procedures	Not relevant.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	Avoid dust formation. Ensure good ventilation.
Personal protection measures	In case of inadequate ventilation wear respiratory protection.

6.2. Environmental precautions

Environmental precautionary measures	Avoid release to the environment.
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6.3. Methods and material for containment and cleaning up

Clean up	Use a vacuum cleaner. If not possible, moisten dust with water before it is collected with shovel, broom or the like. Do not use compressed air when cleaning.
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6.4. Reference to other sections

Other instructions	See section 7, 8 and 13.
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling	Avoid generating excess dust. When using do not eat, drink or smoke. Wash hands and contaminated areas with water and soap after finished work. Keep the workplace clean.
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7.2. Conditions for safe storage, including any incompatibilities

Storage	Keep container tightly closed. Keep only in original container.
Conditions to avoid	No recommendation given.

7.3. Specific end use(s)

Specific use(s)	See section 1.2
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SECTION 8: Exposure controls / personal protection

8.1. Control parameters

Substance	Identification	Exposure limits	TWA Year
Mineral wool			
Occupational exposure limits	Country of origin: United Kingdom Limit value type: WEL		

Limit value (8 h): mg/m³, 5
 Letter code: Refractory ceramic fibres and special purpose fibres.
 Particle fraction: Inhalable

Country of origin: United Kingdom
 Limit value type: WEL
 Limit value (8 h): fiber/cm³, 0,3
 Letter code: Refractory ceramic fibres and special purpose fibres.
 Particle fraction: Respirable

8.2. Exposure controls

Safety signs



Precautionary measures to prevent exposure

Appropriate engineering controls Provide sufficient ventilation for operations causing dust formation. The risk of inhalation of dust must be minimised as much as possible.

Eye / face protection

Required Properties Wear approved chemical safety goggles where eye exposure is reasonably probable.

Hand protection

Suitable gloves type For prolonged or repeated skin contact use suitable protective gloves.

Suitable materials Leather. Other types of gloves can be recommended by the glove supplier.

Skin protection

Suitable protective clothing Wear appropriate clothing to prevent any possibility of skin contact.

Respiratory protection

Respiratory protection necessary at In case of inadequate ventilation wear respiratory protection.

Tasks needing respiratory protection Wear respirator if there is dust formation.

Recommended type of equipment Respiratory protection FFP2.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state Fibrous.

Colour White.

Odour No characteristic odour.

Odour limit	Comments: No information.
pH	Comments: Data lacking.
Melting point / melting range	Comments: No information.
Freezing point	Comments: No information.
Boiling point / boiling range	Comments: Data lacking.
Flash point	Comments: No information.
Evaporation rate	Comments: Not relevant.
Flammability	No information.
Lower explosion limit with unit of measurement	Comments: No information.
Upper explosion limit with units of measurement	Comments: No information.
Explosion limit	Comments: Data lacking.
Vapour pressure	Comments: Not relevant.
Vapour density	Comments: Not relevant.
Relative density	Comments: No information.
Density	Comments: Data lacking.
Bulk density	Value: 96 kg/m ³ Temperature: 1100 °C
Solubility	Comments: Not relevant.
Partition coefficient: n-octanol/ water	Comments: Not relevant.
Auto-ignition temperature	Comments: Data lacking.
Decomposition temperature	Comments: No information.
Viscosity	Comments: No information
Explosive properties	Data lacking.
Oxidising properties	No information.

9.2. Other information

9.2.2. Other safety characteristics

Comments	No recommendation given.
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SECTION 10: Stability and reactivity

10.1. Reactivity

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

Stability	Stable under the prescribed storage conditions.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	No recommendation given.
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10.4. Conditions to avoid

Conditions to avoid	No recommendation given.
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10.5. Incompatible materials

Materials to avoid	No recommendation given.
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10.6. Hazardous decomposition products

Hazardous decomposition products	Continuous use of these products over 900 degrees Celsius, leads to the formation of cristobalite. Cristobalite is a form of crystalline silica. Repeated and prolonged inhalation of respirable crystalline silica can cause silicosis. The IARC (International Agency for Research on Cancer) also claims that crystalline silica is carcinogenic to humans (Group 1).
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SECTION 11: Toxicological information

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

Other information regarding health hazards

Assessment of acute toxicity, classification	No specific health warnings noted.
Assessment of skin corrosion / irritation, classification	May irritate.
Assessment of eye damage or irritation, classification	Direct contact may irritate.
Assessment of respiratory sensitisation, classification	No specific health warnings noted.
Assessment of skin sensitisation, classification	No specific health warnings noted.
Assessment of germ cell mutagenicity, classification	No specific health warnings noted.
Carcinogenicity, other information	Mineral wool is classified as carcinogenic, category 3, according to the CLP (EG nr 1272/2008). If the fibre complies with one out of four conditions according to note Q in CLP, the fibre will not be classified as carcinogenic. The product contains a mineral wool which fulfils the criteria concerning biological solubility and is because of that not classified as carcinogenic, tested according to an EU record ECB/TM 26:27 rev 7 1998.
Assessment of carcinogenicity, classification	No specific health warnings noted.
Assessment of reproductive toxicity, classification	No recommendation given.
Assessment of specific target organ toxicity - single exposure, classification	No recommendation given.

Assessment of specific target organ toxicity - repeated exposure, classification	No recommendation given.
Assessment of aspiration hazard, classification	No recommendation given.

Symptoms of exposure

In case of ingestion	Not relevant.
In case of skin contact	May irritate.
In case of inhalation	Slightly Irritating.
In case of eye contact	Slightly Irritating.

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.
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SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity	Not classified as dangerous to the environment.
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12.2. Persistence and degradability

Persistence and degradability description/evaluation	The product solely consists of inorganic compounds which are not biodegradable.
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12.3. Bioaccumulative potential

Bioaccumulation, comments	Data lacking.
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12.4. Mobility in soil

Mobility	No information.
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12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment	This product does not contain any PBT or vPvB substances.
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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.
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12.7. Other adverse effects

Additional ecological information	No data recorded.
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SECTION 13: Disposal considerations

13.1. Waste treatment methods

EWC waste code	EWC waste code: 170604 insulation materials other than those mentioned in 17 06 01 and 17 06 03 Classified as hazardous waste: No
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SECTION 14: Transport information

Dangerous goods	No
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14.1. UN number

Comments	The product is not classified as dangerous goods.
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14.2. UN proper shipping name

Comments	Not relevant.
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14.3. Transport hazard class(es)

Comments	Not relevant.
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14.4. Packing group

Comments	Not relevant.
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14.5. Environmental hazards

Comments	Not relevant.
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14.6. Special precautions for user

14.7. Maritime transport in bulk according to IMO instruments

ICAO/IATA Other information

Other transport, general	Not relevant.
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SECTION 15: Regulatory information

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

Biocides	No
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. EH40/2005, Workplace exposure limits 2005, with amendments.

15.2. Chemical safety assessment

Chemical safety assessment performed No

SECTION 16: Other information

List of relevant H-phrases (Section 2 and 3) H351 Suspected of causing cancer

Key literature references and sources for data MSDS supplied by the manufacturer

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