

SAFETY DATA SHEET

Marine Blanket

The safety data sheet is in accordance with Commission Regulation (EU) 2015/830 of 28 May 2015 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 02.07.2019

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 / preparation 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 164 74
City Kista
Country Sverige
Email anders.wigant@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

CLP classification, comments 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
Mineral wool, with the exception of those specified elsewhere in this Annex	Index No.: 650-016-00-2	Carc. 2;H351	100 %
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 mouth and nose with water. Get medical advice/attention if you feel unwell.
Skin contact	Gently wash with plenty of soap and water. Take off contaminated clothing and wash before reuse.
Eye contact	Rinse cautiously with water for several minutes. Keep eyelids wide 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 not combustible. Be careful of other chemicals when choosing extinguishing agent.

5.2. Special hazards arising from the substance or mixture

Fire and explosion hazards The product is not combustible.

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 vacuum cleaner. If not possible, spray dust with water and collect with shovel or similar. Do not use compressed air.
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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 dust formation. Do not eat, drink or smoke when using this product. Wash hands and contaminated areas with soap and water. Keep working area 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 note 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	Value	TWA Year
Mineral wool, with the exception of those specified elsewhere in this Annex		TWA (8h) : 10 mg/m ³	
		Source: (PEL) total dust	
		TWA (8h) : 5 mg/m ³	
		Source: (PEL) respirable fraction	

8.2. Exposure controls

Safety signs



Precautionary measures to prevent exposure

Appropriate engineering controls	Ensure good ventilation at risk for dust formation. Minimize the risk of inhalation of dust.
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Eye / face protection

Required Properties	Use tightly sealed protective goggles or face shield.
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Hand protection

Suitable gloves type	Use protective gloves.
Suitable materials	Nitril rubber, PVA or Viton is recommended.

Skin protection

Suitable protective clothing	Use suitable protective clothing at potential risk of skin contact.
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Respiratory protection

Respiratory protection necessary at	In case of inadequate ventilation wear respiratory protection.
Tasks needing respiratory protection	At risk of 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	Odourless.
Odour limit	Comments: No information.
pH	Comments: No information.
Melting point / melting range	Comments: No information.
Freezing point	Comments: No information.
Boiling point / boiling range	Comments: No information.
Flash point	Comments: No information.
Evaporation rate	Comments: Not relevant.
Flammability (solid, gas)	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: No information.
Vapour pressure	Comments: Not relevant.
Vapour density	Comments: Not relevant.
Relative density	Comments: No information.
Density	Comments: No information.
Bulk density	Value: 96 kg/m ³ Temperature: 1100 °C
Solubility	Comments: Not relevant.
Partition coefficient: n-octanol/water	Comments: Not relevant.
Spontaneous combustability	Comments: No information.
Decomposition temperature	Comments: No information.
Viscosity	Comments: Not relevant.
Explosive properties	Data lacking.
Oxidising properties	No information.

9.2. Other information

Other physical and chemical properties

Comments	No information.
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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 normal temperature conditions and recommended use.
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10.3. Possibility of hazardous reactions

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

Conditions to avoid	No note given.
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10.5. Incompatible materials

Materials to avoid	No note 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).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Other information regarding health hazards

Assessment of acute toxicity, classification	No specific health warnings noted.
Assessment of skin corrosion / irritation, classification	Slightly irritating.
Assessment of eye damage or irritation, classification	Slightly irritating.
Assessment of respiratory sensitisation, classification	Slightly irritating.
Assessment of skin sensitisation, classification	Slightly irritating.
Sensitisation	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 specific health warnings noted.
Assessment of specific target organ SE, classification	No specific health warnings noted.
Assessment of specific target organ toxicity RE, classification	No specific health warnings noted.
Assessment of aspiration hazard, classification	Slightly irritating.

Symptoms of exposure

In case of ingestion	Not relevant.
In case of skin contact	Slightly irritating.
In case of inhalation	Slightly irritating.
In case of eye contact	Slightly irritating.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity Not classified as hazardous to the environment.

12.2. Persistence and degradability

Persistence and degradability, comments No information.

12.3. Bioaccumulative potential

Bioaccumulative potential No information.

12.4. Mobility in soil

Mobility No information.

12.5. Results of PBT and vPvB assessment

PBT assessment results No information.

12.6. Other adverse effects

Other adverse effects, comments No information.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Specify the appropriate methods of disposal Dispose of contents/container to authorized waste collector in accordance to local, regional and national legislation.

EWC waste code EWC waste code: 17 06 04 insulation materials other than those mentioned in 17 06 01 and 17 06 03
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 applicable.

14.3. Transport hazard class(es)

Comments Not applicable.

14.4. Packing group

Comments	Not applicable.
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14.5. Environmental hazards

Comments	Not applicable.
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14.6. Special precautions for user

Special safety precautions for user	Not applicable.
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14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

IMDG / ICAO / IATA Other information

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

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

EEC-directive	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). The List of Wastes (England) (Amendment) Regulations 2005. (SI 2005 No. 895).
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15.2. Chemical safety assessment

Chemical safety assessment performed	No
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SECTION 16: Other information

List of relevant H-phrases (Section 2 and 3)	H351 Suspected of causing cancer
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CLP classification, comments	Not classified.
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Key literature references and sources for data	MSDS supplied by the manufacturer
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Version	1
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Prepared by	Goodpoint AB
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