

SAFETY DATA SHEET**Marine Flex**

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 Flex
Synonyms FireStop Sealant 3000
Article no. 100906, 100907

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

Use of the substance / preparation Fire seal. Building 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

Precautionary statements P271 Use only outdoors or in a well-ventilated area.
Supplemental label information EUH 210 Safety data sheet available on request.

Other label information (CLP)	EUH 208 Contains methyltrimethoxisilane. May produce an allergic reaction. Not classified. H statements shall not specified.
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2.3. Other hazards

PBT / vPvB	Not PBT or vPvB.
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SECTION 3: Composition / information on ingredients

3.2. Mixtures

Description of the mixture	Silicone elastomers.
Substance comments	The product contains no health or environmental hazardous agents

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Fresh air. Get medical advice/attention if you feel unwell.
Skin contact	Wash with water as a precautionary measurement. Get medical advice/attention if you feel unwell.
Eye contact	Rinse with water as a precautionary measurement. Get medical advice/attention if you feel unwell.
Ingestion	Do NOT induce vomiting. Rinse mouth. Get medical advice/attention if you feel unwell.

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

General symptoms and effects	Treat symptomatically.
Delayed symptoms and effects	May cause an allergic skin reaction.

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

Medical treatment	Treat symptomatically.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Water fog. Foam. Carbondioxid (CO2). Powder.
Improper extinguishing media	Waterjet.

5.2. Special hazards arising from the substance or mixture

Fire and explosion hazards	No information.
Hazardous combustion products	Harmful fumes. Carbon oxides, metal oxides, formaldehyde, silica.

5.3. Advice for firefighters

Personal protective equipment	Use breathing apparatus. Use personal protective equipment as required.
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Fire fighting procedures	Fight fire with normal precautions from a reasonable distance. Evacuate area. Use water spray to cool down unopened container. Remove unharmed container from site if safe to do so.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal protection measures	Use personal protective equipment as required.
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6.2. Environmental precautions

Environmental precautionary measures	Avoid release to the environment. Prevent further spillage if it can be done without risk. Treat polluted water as waste. Alert authorities if major spillage cannot be contained.
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6.3. Methods and material for containment and cleaning up

Containment	Store in a closed container.
Clean up	Absorb spillage with inert material.

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	Do not eat, drink or smoke when using this product. See Section 8 for information about precautions for use and personal protective equipment.
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Protective safety measures

Protective safety measures	Avoid prolonged and repeated contact with skin. Ensure adequate ventilation.
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7.2. Conditions for safe storage, including any incompatibilities

Storage	Store in the original package.
Conditions to avoid	Oxidizing substances.

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

DNEL / PNEC

DNEL	Group: Consumer Route of exposure: Long-term inhalation (systemic)
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PNEC	Value: 0,06 mg/m ³ Comments: Carbon black CAS no. 1333-86-4
	Group: Professional Route of exposure: Long-term inhalation (systemic) Value: 1 mg/m ³ Comments: Carbon black CAS no. 1333-86-4
	Group: Not defined Route of exposure: Freshwater Value: 50 mg/l Comments: Carbon black CAS no. 1333-86-4

8.2. Exposure controls

Precautionary measures to prevent exposure

Appropriate engineering controls	Ensure adequate ventilation.
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Eye / face protection

Suitable eye protection	Use protective goggles and face shield at risk of splashes.
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Hand protection

Skin- / hand protection, short term contact	Protective gloves are not required for recommended use.
Skin- / hand protection, long term contact	Use protective gloves.
Additional hand protection measures	Wash hands before and after use.

Skin protection

Suitable protective clothing	Protective clothing is not required for recommended use.
Additional skin protection measures	Wash skin after contact.

Respiratory protection

Respiratory protection necessary at	Respiration protection is not required under normal conditions of use.
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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Paste.
Colour	Black.
Odour	No information.
Odour limit	Comments: No information.
pH	Comments: Not applicable.

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: No information.
Flammability (solid, gas)	Not flammable.
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: No information.
Vapour density	Comments: No information.
Relative density	Value: 1,45
Density	Comments: No information.
Bulk density	Comments: No information.
Solubility	Comments: No information.
Partition coefficient: n-octanol/water	Comments: No information.
Spontaneous combustability	Comments: Not relevant.
Decomposition temperature	Comments: No information.
Viscosity	Comments: Data lacking.
Explosive properties	Not explosive.
Oxidising properties	Not oxidizing.

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	High temperatures can lead to release of harmful fumes. Can react with strong oxidizing agents. Contact with water or humid air releases methylalcohol.
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10.4. Conditions to avoid

Conditions to avoid	No known.
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10.5. Incompatible materials

Materials to avoid	Oxidizing agents.
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10.6. Hazardous decomposition products

Hazardous decomposition products	Toxic gases may form when heated. Benzene. Formaldehyde.
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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	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 warnings noted.
Sensitisation	Contains Trimethoxy(methyl)silane. May produce an allergic reaction.
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 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	No specific health warnings noted.

Symptoms of exposure

In case of ingestion	No specific health warnings noted.
In case of skin contact	May cause allergic reaction.
In case of inhalation	May cause allergic reaction.
In case of eye contact	No specific health warnings noted.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity No information.

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 Not applicable.

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 Avoid release to the environment. Dispose of contents/container to authorized waste collector in accordance with 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

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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