

**SAFETY DATA SHEET****Marine Flex**

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 02.07.2019

Revision date 16.03.2023

**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 / mixture Fire seal.

**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](mailto: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**

|                                |  |
|--------------------------------|--|
| Precautionary statements       | P271 Use only outdoors or in a well-ventilated area.   |
| Supplemental label information | EUH 210 Safety data sheet available on request.<br>EUH 208 Contains metyltrimetoxysilan. May produce an allergic reaction. |
| 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

|                            |                   |
|----------------------------|-------------------|
| Description of the mixture | Silikonelastomer. |
|----------------------------|-------------------|

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

|              |  |
|--------------|--|
| Inhalation   | Get medical advice/attention if you feel unwell. Fresh air.  |
| Skin contact | Wash skin with soap and water. Get medical advice/attention if you feel unwell.                                      |
| Eye contact  | Promptly wash eyes with plenty of water while lifting the eye lids. 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. |
|-------------------|------------------------|

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

|                              |  |
|------------------------------|--|
| Suitable extinguishing media | Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. |
| 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. Formaldehyde. Carbon dioxide (CO <sub>2</sub> ). Carbon monoxide (CO). |

### 5.3. Advice for firefighters

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

**Fire fighting procedures**

Fight fire with normal precautions from a reasonable distance. Use water SPRAY only to cool containers! Do not put water on leaked material. Move container from fire area if it can be done without risk.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures****Personal protection measures**

Use personal protective equipment as required.

**6.2. Environmental precautions****Environmental precautionary measures**

Avoid release to the environment. Prevent further spillage if it can be done without risk. Contact local authorities in case of spillage to drain/aquatic environment. Collect spillage.

**6.3. Methods and material for containment and cleaning up****Containment**

Store in a closed container.

**Clean up**

Absorb with sand or other inert absorbent.

**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**

Observe good chemical hygiene practices. When using do not eat, drink or smoke. See Section 8 for information about precautions for use and personal protective equipment. Provide good ventilation.

**7.2. Conditions for safe storage, including any incompatibilities****Storage**

Store in the original package.

**Conditions to avoid**

Avoid contact with oxidising agents.

**7.3. Specific end use(s)****Specific use(s)**

See section 1.2

**SECTION 8: Exposure controls / personal protection****8.1. Control parameters****8.2. Exposure controls****Safety signs**

## Precautionary measures to prevent exposure

|                                  |                       |
|----------------------------------|-----------------------|
| Appropriate engineering controls | Well-ventilated area. |
|----------------------------------|-----------------------|

## Eye / face protection

|                         |  |
|-------------------------|--|
| Suitable eye protection | Wear approved, tight fitting safety glasses where splashing is probable. |
|-------------------------|--|

## Hand protection

|   |   |
|---|---|
| Skin- / hand protection, short term contact | Protective gloves are not required for recommended use. |
|---|---|

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

|                                     |                           |
|-------------------------------------|---------------------------|
| Additional hand protection measures | Wash hands after contact. |
|-------------------------------------|---------------------------|

## Skin protection

|                              |  |
|------------------------------|--|
| Suitable protective clothing | Protective clothing is not required for recommended use. |
|------------------------------|--|

|                                     |   |
|-------------------------------------|---|
| Additional skin protection measures | Wash promptly with soap & water if skin becomes contaminated. |
|-------------------------------------|---|

## Respiratory protection

|                                     |   |
|-------------------------------------|---|
| Respiratory protection necessary at | Under normal conditions of use respiration protection should not be required. |
|-------------------------------------|---|

## Appropriate environmental exposure control

|                                 |                            |
|---------------------------------|----------------------------|
| Environmental exposure controls | Refer to section 6 and 12. |
|---------------------------------|----------------------------|

## 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 relevant.   |
| 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                                   | None.                     |
| 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               |
| Bulk density                                    | Comments: No information. |
| Solubility                                      | Comments: No information. |
| Partition coefficient: n-octanol/water          | Comments: No information. |
| Auto-ignition temperature                       | Comments: Not relevant.   |
| Decomposition temperature                       | Comments: No information. |
| Viscosity                                       | Comments: Data lacking.   |
| Explosive properties                            | Not relevant.             |
| Oxidising properties                            | None.                     |

## 9.2. Other information

# 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 normal temperature conditions and recommended use. |
|-----------|---|

## 10.3. Possibility of hazardous reactions

## 10.4. Conditions to avoid

|                     |   |
|---------------------|---|
| Conditions to avoid | Avoid contact with water. The product emits methanol. |
|---------------------|---|

## 10.5. Incompatible materials

|                    |  |
|--------------------|--|
| Materials to avoid | Avoid contact with oxidising agents (e.g. nitric acid, peroxides and chromates). |
|--------------------|--|

## 10.6. Hazardous decomposition products

|                                  |  |
|----------------------------------|--|
| Hazardous decomposition products | Toxic gases may form when heated. Benzene. Formaldehyde. |
|----------------------------------|--|

# 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                        | 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 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    | No specific symptoms noted.                  |
| In case of skin contact | May cause sensitization in sensitive people. |
| In case of inhalation   | No specific symptoms noted.                  |
| In case of eye contact  | No specific symptoms noted.                  |

## 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 information. |
|--|-----------------|

### 12.3. Bioaccumulative potential

|                           |                 |
|---------------------------|-----------------|
| Bioaccumulation, comments | No information. |
|---------------------------|-----------------|

### 12.4. Mobility in soil

|          |                 |
|----------|-----------------|
| Mobility | No information. |
|----------|-----------------|

### 12.5. Results of PBT and vPvB assessment

### 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 information. |
|-----------------------------------|-----------------|

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

|                |   |
|----------------|---|
| EWC waste code | EWC waste code: 080410 waste adhesives and sealants other than those mentioned in 08 04 09<br>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

### ICAO/IATA Other information

|                          |               |
|--------------------------|---------------|
| Other transport, general | Not relevant. |
|--------------------------|---------------|

## 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. |

### 15.2. Chemical safety assessment

|                                      |    |
|--------------------------------------|----|
| Chemical safety assessment performed | No |
|--------------------------------------|----|

## SECTION 16: Other information

|  |                                   |
|--|-----------------------------------|
| Key literature references and sources for data | MSDS supplied by the manufacturer |
| Version  | 2                                 |