

SAFETY DATA SHEET

Marine Multi MS

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 09.09.2019

1.1. Product identifier

Product name Marine Multi MS
Article no. 100914

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

Use of the substance / preparation Sealant

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
Contact person Anders Wigant

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

Supplemental label information Not classified.

2.3. Other hazards

Environmental effects	Not Classified as PBT/vPvB by current EU criteria.
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SECTION 3: Composition / information on ingredients

3.2. Mixtures

Composition type	Mixture: Polymer
Description of the mixture	Sealant & adhesive based on MS-hybride-polymer
Substance comments	No classified substances over 0,1 % are included.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Fresh air.
Skin contact	Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.
Eye contact	Immediately rinse with water. Get medical attention if any discomfort continues.
Ingestion	Drink plenty of water. Rinse mouth with water. Get medical attention.

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

General symptoms and effects	Treat Symptomatically.
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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	Extinguish with water fog. Foam, carbon dioxide or dry powder.
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5.2. Special hazards arising from the substance or mixture

Fire and explosion hazards	During fire, gases hazardous to health may be formed.
Hazardous combustion products	Harmful fumes. Carbon dioxide (CO ₂). Carbon monoxide (CO).

5.3. Advice for firefighters

Personal protective equipment	Use personal protective equipment as required. Wear protective gloves / protective clothing / eye protection / face protection.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	Ensure good ventilation.
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Personal protection measures	For personal protection, see section 8.
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6.2. Environmental precautions

Environmental precautionary measures	Avoid discharge into drains, water courses or onto the ground.
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6.3. Methods and material for containment and cleaning up

Containment	For waste disposal, see section 13.
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Clean up	Collect spillage.
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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	Observe good chemical hygiene practices. Avoid eating, drinking and smoking when using the product.
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7.2. Conditions for safe storage, including any incompatibilities

Storage	Store in tightly closed original container in a dry, cool and well-ventilated place. Store in a cool place. Keep away from food, drink and animal feeding stuffs.
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7.3. Specific end use(s)

Specific use(s)	The identified uses for this product are detailed in Section 1.2.
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SECTION 8: Exposure controls / personal protection

8.1. Control parameters

Control parameters comments	Not relevant.
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8.2. Exposure controls

Precautionary measures to prevent exposure

Appropriate engineering controls	No recommendation given.
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Eye / face protection

Suitable eye protection	Wear approved chemical safety goggles where eye exposure is reasonably probable.
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Hand protection

Suitable materials	The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.
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Use protective gloves made of: Nitrile. Rubber (natural, latex). Polyvinyl alcohol (PVA).

Skin protection

Skin protection remark Wear suitable protective clothing as protection against splashing or contamination.

Respiratory protection

Respiratory protection, comments Under normal conditions of use respiration protection should not be required.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Paste.
Colour	Varying.
Odour	Characteristic.
Odour limit	Comments: Data lacking.
pH	Status: In delivery state Comments: Data lacking.
Melting point / melting range	Comments: Data lacking.
Boiling point / boiling range	Comments: Not relevant.
Flash point	Comments: Not determined.
Evaporation rate	Comments: No information.
Flammability (solid, gas)	Not known.
Explosion limit	Comments: Data lacking.
Vapour pressure	Comments: No information.
Vapour density	Comments: Data lacking.
Relative density	Comments: Data lacking.
Density	Value: 1,47 g/cm ³
Bulk density	Comments: Data lacking.
Solubility	Medium: Water Comments: Not soluble in water.
Partition coefficient: n-octanol/ water	Comments: Data lacking.
Spontaneous combustability	Comments: Not relevant.
Decomposition temperature	Comments: Data lacking.
Viscosity	Comments: Data lacking.
Explosive properties	Not relevant.
Oxidising properties	Does not meet the criteria for oxidising.

9.2. Other information

Physical hazards

Content of VOC	Value: 0 %
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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	Not known.
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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	Do NOT mix with any other product.
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10.6. Hazardous decomposition products

Hazardous decomposition products	When heated, vapours/gases hazardous to health may be formed. Carbon dioxide (CO ₂). Carbon monoxide (CO). Nitrogen compounds.
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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.
Sensitisation	Not Sensitising.
Mutagenicity	No specific health warnings noted.
Carcinogenicity, other information	No specific health warnings noted.
Reproductive toxicity	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 hazard indicated.
Assessment of aspiration hazard, classification	No specific health warnings noted.

Symptoms of exposure

In case of ingestion	May irritate and cause malaise.
In case of skin contact	May cause irritation.
In case of inhalation	May cause irritation to the respiratory system.
In case of eye contact	May irritate and cause redness and pain.

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 is not expected to be biodegradable.
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12.3. Bioaccumulative potential

Bioaccumulation, comments	No information.
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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	Not Classified as PBT/vPvB by current EU criteria.
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12.6. Other adverse effects

Additional ecological information	No information.
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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Appropriate methods of disposal for the chemical	Confirm disposal procedures with environmental engineer and local regulations.
EWC waste code	EWC waste code: 05 04 10 Classified as hazardous waste: No
EWL packing	EWC waste code: 150101 paper and cardboard packaging

Classified as hazardous waste: No
 EWC waste code: 150102 plasticpackaging
 Classified as hazardous waste: No

SECTION 14: Transport information

Dangerous goods No

14.1. UN number

Comments No recommendation given.

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

ICAO/IATA Not relevant.

14.6. Special precautions for user

Special safety precautions for user Not relevant.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

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

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).

The List of Wastes (England) (Amendment) Regulations 2005. (SI 2005 No. 895).

15.2. Chemical safety assessment

Chemical safety assessment performed	No
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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

Version

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