

Safety data sheet

FIBROTECH SPC BOND & SEAL

Version 1.0

Effective date: 14-09-2026

SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY / UNDERTAKING

1.1 Product identifier.

Product name: FIBROTECH SPC BOND & SEAL.

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

Product use: Sealants.

1.3 Details of the supplier of the safety data sheet:

Company: TreeTops A/S
Bavnevej 32
6580 Vamdrup
Denmark
info@treetops.dk
Tel.: +45 70 266 233

1.4 Emergency telephone number:

National Poisons Information Centre, Beaumont Hospital: +353 (0)1 809 2166 (from 8.00 to 22.00).

SECTION 2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture to CLP No 1272/2008.

Aquatic Chronic 3; H412.

2.2 Label elements CLP No 1272/2008.

Hazard pictogram(s):

-

Signal word:

-

Hazard statements:

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements:

General:

P102 Keep out of reach of children.

Prevention:

P273 Avoid release to the environment.

Response:

-

Storage:

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Safety data sheet

FIBROTECH SPC BOND & SEAL

Version 1.0

Effective date: 14-09-2026

Disposal:

P501 Dispose of contents/ container in accordance with national regulations.

Additional labeling:

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2.3 Other hazards.

This product contains no PBT or vPvB substances according to REACH No 1907/2006.

This product does not contain substances with endocrine disrupting properties in accordance with the criteria laid down in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances:

This product is a mixture.

3.2 Mixture:

CAS/EC No	REACH No	Name	Content %	Classification CLP
13822-56-5 / 237-511-5	01-2119510159-45	3-(trimethoxysilyl)propylamine	1<3	Skin Irrit. 2; H315, Eye Dam. 1; H318.
2768-02-7 / 220-449-8	01-2119513215-52	Trimethoxyvinylsilane	<1	Flam. Liq. 3, H226, Skin Sens. 1B; H317, Acute Tox. 4; H332.
52829-07-9 / 258-207-9	01-2119537297-32	Bis(2,2,6,6-tetramethyl-4-piperidyl)sebacate	0.1<1	Eye Dam. 1; H318, Repr. 2, H361f, Aquatic Acute 1; H400 (M=1), Aquatic Chronic 2; H41.
36443-68-2 / 253-039-2	01-2119956160-44	Ethylenebis(oxyethylene) bis[3-(5-tert-butyl-4-hydroxy-m-tolyl)propionate]	<0.1	Aquatic Chronic 1; H410 (M=10).

Occupational limits are listed in section 8 if these are available. See full text of H-phrases in section 16.

SECTION 4. FIRST AID MEASURES

4.1 Description of first aid measures.

General information: If you feel unwell, seek medical advice.

Inhalation: Remove person to fresh air and keep comfortable for breathing.

Skin contact: Wash with soap and plenty of water.

Eye contact: Rinse eyes with water as a precaution.

Safety data sheet

FIBROTECH SPC BOND & SEAL

Version 1.0

Effective date: 14-09-2026

Ingestion: Call a poison center or a doctor if you feel unwell.

Recommended personal protective equipment for first aid responders:
Use personal protective equipment as required.

4.2 Most important symptoms and effects, both acute and delayed:
None known

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

SECTION 5. FIRE FIGHTING MEASURES

5.1 Extinguishing media: Water spray. Dry powder. Foam.

Unsuitable extinguishing media:
None known.

5.2 Special hazards arising from the substance or mixture:
Fire will cause dense smoke, avoid inhalation.

5.3 Advice for firefighters: Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:
See section 8 for recommendations on the use of personal protective equipment. Avoid contact with skin and eyes.

6.2 Environmental precautions:
Avoid release to the environment.
Notify authorities if product enters sewers or public waters.

6.3 Methods and material for containment and cleaning up:
Small spills: wipe up with absorbent material (e.g. cloth, fleece).
Large spills: use sand, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in suitable closed container for disposal, according to local regulations. Then rinse the spillage site with plenty of water. Dispose of in accordance with section 13.

6.4 Reference to other sections:
For guidance on selection of personal protective equipment see section 8 of this safety data sheet. For guidance on disposal of spilled material see section 13 of this safety data sheet.

SECTION 7. HANDLING AND STORAGE

7.1 Precautions for safe handling:
See section 8 for recommendations on the use of personal protective equipment. Avoid contact with skin and eyes. Ventilate area.
Always wash hands thoroughly after use.
Do not eat, drink or smoke when using this product.

Safety data sheet

FIBROTECH SPC BOND & SEAL

Version 1.0

Effective date: 14-09-2026

7.2 Conditions for safe storage, including any incompatibilities:

Keep container tightly closed in a cool, dry and well-ventilated place.
Keep out of reach of children. Store only in the original packaging.

7.3 Specific end use(s):

See section 1.2.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Occupational exposure limits Ireland:

Contains no substances with occupational exposure limits.

DNEL / PNEC:

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8.2 Exposure controls

Appropriate technical measures:

Ventilate work area.

General information:

Always wash hands after use.
Avoid contact with skin and eyes.

Personal protective equipment:

Only CE-marked personal protection equipment should be used.

Respiratory protection:

Not necessary.

Hand protection:

Wear protective gloves. EN 374.
Option: Nitrile gloves - ≥ 120 min.
Thickness: ≥ 0.25 mm.

Eye protection:

Wear tightly safety goggles. EN 166.

Body protection:

Normal work clothing.

Measures to avoid environmental exposure:

No special precautions are necessary.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

Physical state:	Pasty product
Colour:	Product specific
Odour:	Characteristic
Melting point/freezing point:	Not relevant/no data
Boiling point:	Not relevant/no data
Flammability:	Non flammable
Lower and upper explosion limit:	Not relevant/no data
Flash point:	$>100^{\circ}\text{C}$
Auto-ignition temperature:	No hazard
Decomposition temperature:	Not relevant/no data

Safety data sheet

FIBROTECH SPC BOND & SEAL

Version 1.0

Effective date: 14-09-2026

pH:	Not relevant/no data
Kinematic viscosity:	Not relevant/no data
Solubility:	Not relevant/no data
Partition coefficient n-octanol/water:	Not relevant/no data
Vapour pressure:	Not relevant/no data
Density and/or relative density:	1.685 g/L
Relative vapour density:	Not relevant/no data
Particle characteristics:	Not relevant/no data

9.2 Other information:

None.

SECTION 10. STABILITY AND REACTIVITY

- 10.1 Reactivity:** Product is stable under normal, recommended conditions of handling and storage.
- 10.2 Chemical stability:** Product is stable under normal temperatures and pressures.
- 10.3 Possibility of hazardous reactions:**
Hazardous reactions will not occur under normal transport or storage conditions.
- 10.4 Conditions to avoid:** None known.
- 10.5 Incompatible materials:** No additional information.
- 10.6 Hazardous decomposition products:**
None at recommended storage conditions and use.

SECTION 11. TOXICOLOGICAL INFORMATION

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

Acute toxicity: Not classified.

3-(trimethoxysilyl)propylamine – CAS 13822-56-5:
Oral – LD50 – Rat: 3030 mg/kg – OECD 401
Dermal – LD50 – Rat: 11458 mg/kg – OECD 402

bis(2,2,6,6-tetramethyl-4-piperidyl)sebacate – CAS 52829-07-9:
Oral – LD50 – Rat: 3700 mg/kg – OECD 423
Dermal – LD50 – Rat: >3170 mg/kg – OECD 402

trimethoxyvinylsilane – CAS 2768-02-7:
Oral – LD50 – Rat: >6899 mg/kg – OECD 401
Dermal – LD50 – Rat: >3158 mg/kg – OECD 402
Inhalation (vapour) – LC50 – Rat: 16,8 mg/L/4 h. – OECD 403

ethylenebis(oxyethylene) bis[3-(5-tert-butyl-4-hydroxy-m-tolyl)propionate] – CAS 36443-68-2:
Oral – LD50 – Rat: >7000 mg/kg – OECD 423
Dermal – LD50 – Rat: >2000 mg/kg – OECD 402

Safety data sheet

FIBROTECH SPC BOND & SEAL

Version 1.0

Effective date: 14-09-2026

Skin corrosion/irritation:	Not classified.
Serious eye damage/irritation:	Not classified according to OECD test 437.
Respiratory or skin sensitization:	Not classified according to OECD test 497.
Germ cell mutagenicity:	Not classified.
Carcinogenicity:	Not classified.
Reproductive toxicity:	Not classified.
Specific target organ toxicity - single exposure:	Not classified.
Specific target organ toxicity – repeated exposure:	Not classified.
Aspiration hazard:	Not classified.

11.2 Information on other hazards:

Endocrine disrupting properties:

The product/substance has no endocrine disrupting properties.

Other information:

No other relevant information.

SECTION 12. ECOLOGICAL INFORMATION

12.1 Toxicity:

Harmful to aquatic life with long lasting effects.

3-(trimethoxysilyl)propylamine – CAS 13822-56-5:

Fish – LC50 – 96 h.: >934 mg/L – OECD 203

Daphnia – EC50 – 48 h.: 331 mg/L – OECD 202

Algae – EC50 – 72 h.: >1000 mg/L

bis(2,2,6,6-tetramethyl-4-piperidyl)sebacate – CAS 52829-07-9:

Fish – LC50 – 96 h.: 4,4 mg/L – OECD 203

Algae – ErC50 – 72 h.: 0.705 mg/L – OECD 201

trimethoxyvinylsilane – CAS 2768-02-7:

Fish – LC50 – 96 h.: 191 mg/L

Daphnia – EC50 – 48 h.: 169 mg/L

Algae – ErC50 – 72 h.: 89 mg/L

ethylenebis(oxyethylene) bis[3-(5-tert-butyl-4-hydroxy-m-tolyl)propionate] – CAS 36443-68-2:

Fish – LC50 – 96 h.: 43 mg/L – OECD 203

Daphnia – EC50 – 48 h.: >100 mg/L – OECD 202

12.2 Persistence and degradability:

FIBROTECH SPC BOND & SEAL:

The product is not readily biodegradable.

Safety data sheet

FIBROTECH SPC BOND & SEAL

Version 1.0

Effective date: 14-09-2026

12.3 Bioaccumulative potential:

3-(trimethoxysilyl)propylamine – CAS 13822-56-5:

Log Kow: <4.

bis(2,2,6,6-tetramethyl-4-piperidyl)sebacate – CAS 52829-07-9:

Log Kow: <4.

trimethoxyvinylsilane – CAS 2768-02-7:

Log Kow: <4.

12.4 Mobility in soil:

No data available.

12.5 Result of PBT and vPvB assessment:

This product contains no PBT or vPvB substances according to REACH No 1907/2006.

12.6 Endocrine disrupting properties:

The product/substance has no endocrine disrupting properties.

12.7 Other adverse effects:

None known.

SECTION 13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods:

Avoid discharge to drain or surface water.

The coding of a waste stream is based on the application of the product by the consumer – end-user.

Option:

EWC-Code:

08 04 10 waste adhesives and sealants other than those mentioned in 08 04 09.

Contaminated packing:

Properly cleaned containers are disposed of according to packaging material, otherwise for incineration.

SECTION 14. TRANSPORT INFORMATION

This product is not classified as dangerous to transport.

	ADR/RID	IMDG/IMO
14.1 UN number or ID number	Not relevant.	Not relevant.
14.2 UN proper shipping name	Not relevant.	Not relevant.
14.3 Transport hazard class(es)	Not relevant.	Not relevant.
14.4 Packing group	Not relevant.	Not relevant.

Safety data sheet

FIBROTECH SPC BOND & SEAL

Version 1.0

Effective date: 14-09-2026

14.5 Environmental hazards – MP EMS:	Not relevant. Not relevant.	Not relevant. Not relevant.
Other informations	Not relevant.	Not relevant.

14.6 Special precautions for user:

Not relevant.

14.7 Maritime transport in bulk according to IMO instruments:

Not relevant.

SECTION 15. REGULATORY INFORMATION

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

Current ADR regulations 2025. EC regulation 1907/2006 (REACH). EC regulation No 2020/878. CLP regulation No 1272/2008. REACH regulation 1907/2006.

Additional information: -

15.2 Chemical safety assessment:

No chemical safety assessment has been carried out for this substance/mixture by the supplier.

SECTION 16. OTHER INFORMATION

Full text of H-phrases as mentioned in section 3:

H226 Flammable liquid and vapour.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H332 Harmful if inhaled.

H361f Suspected of damaging fertility.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H411 Toxic to aquatic life with long lasting effects.

Additional information:

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

Descriptions of possible used abbreviations:

BCF Bioconcentration factor.

BOD Biochemical Oxygen Demand.

CAS Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances).

COD Chemical oxygen demand.

DNEL Derived No-Effect Level.

EC50 Effective Concentration 50 %. The EC50 corresponds to the concentration of a tested substance causing 50 % changes in response (e.g. on growth) during a specified time interval.

IMDG International Maritime Dangerous Goods Code.

Safety data sheet

FIBROTECH SPC BOND & SEAL

Version 1.0

Effective date: 14-09-2026

LC50 Lethal Concentration 50%: the LC50 corresponds to the concentration of a tested substance causing 50 % lethality during a specified time interval.

LD50 Lethal Dose 50 %: the LD50 corresponds to the dose of a tested substance causing 50 % lethality during a specified time interval.

log KOW n-Octanol/water.

MARPOL International Convention for the Prevention of Pollution from Ships (abbr. of "Marine Pollutant").

PBT Persistent, Bioaccumulative and Toxic.

PNEC Predicted No-Effect Concentration.

UN RTDG UN Recommendations on the Transport of Dangerous Good.

vPvB Very Persistent and very Bioaccumulative.

Validated by:

SRS

www.msds-eu.com
