



Safety Data Sheet

REVISION DATE: 30.08.2026 · REPLACES: 21.05.2025

SECTION 1 · IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY

1.1 PRODUCT IDENTIFIER

FugeMads Design Sealant

1.2 RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

Use of the substance/mixture: barrier (sealant).

1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

COMPANY NAME	FugeMads ApS
STREET	Kirkevej 46
PLACE	DK-4872 Idestrup
TELEPHONE	+45 22 51 51 75
E-MAIL	hello@fugemads.com

SECTION 2 · HAZARD IDENTIFICATION

2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

The product is not classified as hazardous according to Regulation (EC) No 1272/2008.

2.2 LABEL ELEMENTS — REGULATION (EC) NO 1272/2008

P102	Keep out of reach of children.
EUH208	Contains 3-(triethoxysilyl)propylamine, 2-octyl-2H-isothiazol-3-one. May cause an allergic reaction.
EUH210	Safety data sheet available on request.

ADDITIONAL ADVICE ON LABELLING

OIT (2-octyl-2H-isothiazol-3-one) is encapsulated in the mixture and therefore only available in a small amount freely. In a mixture with similar composition there was no hint of a sensitising effect in the Buehler test (OECD No. 406). A classification of this silicone with GHS 07 / Warning / H317 is not intended.

2.3 OTHER HAZARDS

The substances in this mixture do not meet the PBT/vPvB criteria according to REACH, Annex XIII.

This article does not contain hazardous substances or mixtures intended to be released under normal or reasonably foreseeable conditions of use.

SECTION 3 · COMPOSITION / INFORMATION ON INGREDIENTS

3.1 MIXTURE — HAZARDOUS COMPONENTS

2-Pentanone O,O',O''-(methylsilyldiyl)trioxime	1–4 %
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CAS 37859-55-5 · EC 484-460-1 · REACH 01-2120004323-76

Acute Tox. 4, Eye Irrit. 2 — H302, H319

3-Aminopropyl(methyl)silsesquioxane, ethoxy-terminated	1–2 %
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CAS 128446-60-6

Flam. Liq. 3, Skin Irrit. 2, Eye Irrit. 2 — H226, H315, H319

3-Aminopropyltriethoxysilane	0.1–<1 %
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CAS 919-30-2 · EC 213-048-4 · Index 612-108-00-0 · REACH 01-2119480479-24

Acute Tox. 4, Skin Corr. 1B, Skin Sens. 1 — H302, H314, H317

Octhilinone (ISO); 2-octyl-2H-isothiazol-3-one (OIT)	<0.1 %
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CAS 26530-20-1 · EC 247-761-7 · Index 613-112-00-5

Acute Tox. 2, Acute Tox. 3, Acute Tox. 3, Skin Corr. 1, Eye Dam. 1, Skin Sens. 1A, Aquatic Acute 1, Aquatic Chronic 1 — H330, H311, H301, H314, H318, H317, H400, H410, EUH071

Full text of H and EUH statements: see Section 16.

SPECIFIC CONCENTRATION LIMITS, M-FACTORS AND ATE

2-Pentanone O,O',O''-(methylsilyldiyl)trioxime	1–4 %
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Oral: ATE = 500 mg/kg

3-Aminopropyltriethoxysilane	0.1–<1 %
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Dermal: LD50 = 3,800 mg/kg · Oral: LD50 = 1,780 mg/kg

Octhilinone (ISO); 2-octyl-2H-isothiazol-3-one (OIT)	<0.1 %
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Inhalation: ATE 0.27 mg/l (dusts or mists) · Dermal: ATE 311 mg/kg · Oral: ATE 125 mg/kg

Skin Sens. 1A; H317: ≥ 0.0015 – 100 · Aquatic Acute 1; H400: M = 100 · Aquatic Chronic 1; H410: M = 100

OIT is encapsulated in the mixture and therefore only available in a small amount freely (see Section 2.2).

SECTION 4 · FIRST-AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES

GENERAL INFORMATION	After curing, the product is odourless and indifferent.
AFTER INHALATION	IF INHALED: remove victim to fresh air and keep at rest in a position comfortable for breathing.
AFTER CONTACT WITH SKIN	Change contaminated, saturated clothing. After contact with skin, wash immediately with plenty of water and soap. In case of skin irritation, consult a physician.
AFTER CONTACT WITH EYES	Rinse immediately, carefully and thoroughly with eye-bath or water. In case of eye irritation, consult an ophthalmologist.
AFTER INGESTION	Rinse mouth thoroughly with water. Do NOT induce vomiting. Call a doctor if you feel unwell.

4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

When in doubt, or if symptoms are observed, get medical advice.

4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

Not applicable.

SECTION 5 · FIREFIGHTING MEASURES

5.1 EXTINGUISHING MEDIA

Carbon dioxide (CO₂). Extinguishing powder. Water spray jet. Foam. Co-ordinate fire-fighting measures to the fire surroundings.

5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

Hazardous combustion products.

5.3 ADVICE FOR FIREFIGHTERS

Use suitable breathing apparatus. Protective clothing.

SECTION 6 · ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Personal protection equipment: see Section 8. For non-emergency personnel and emergency responders, no special measures are necessary.

6.2 ENVIRONMENTAL PRECAUTIONS

Do not allow to enter into surface water or drains.

6.3 METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

For containment: take up mechanically. For cleaning up: clean with a cloth immediately. After curing, the product can in most cases only be removed mechanically. Treat the recovered material as prescribed in the section on waste material.

6.4 REFERENCE TO OTHER SECTIONS

Personal protection equipment: see Section 8. Disposal: see Section 13. Safe handling: see Section 7.

SECTION 7 · HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING

Ensure sufficient ventilation. When using, do not eat, drink, smoke or sniff.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Keep and store only in the original container. Ensure adequate ventilation of the storage area. Avoid high temperatures and direct sunlight.

7.3 SPECIFIC END USE(S)

No data available.

SECTION 8 · EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 CONTROL PARAMETERS

To date, no national critical limit values exist.

8.2 EXPOSURE CONTROLS — INDIVIDUAL PROTECTION MEASURES

EYE/FACE PROTECTION	Eye glasses with side protection.
HAND PROTECTION	Recommended glove material: e.g. butyl gloves, nitrile gloves. Recommended glove thickness: < 0.4 mm. Permeation time (maximum wear duration): < 1 h.
SKIN PROTECTION	Protective clothing.
RESPIRATORY PROTECTION	Usually no personal respiratory protection necessary.
THERMAL HAZARDS	Not applicable.

SECTION 9 · PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE	Solid: paste
COLOUR	Various
ODOUR	Characteristic
ODOUR THRESHOLD	Not determined
MELTING POINT / FREEZING POINT	Not applicable
BOILING POINT / BOILING RANGE	Not determined
SUBLIMATION POINT	Not applicable
SOFTENING POINT	Not determined
FLASH POINT	> 150 °C (DIN ISO 2592)
UPPER EXPLOSION LIMIT	Not applicable
AUTO-IGNITION TEMPERATURE	Not determined
DECOMPOSITION TEMPERATURE	Not determined
PH VALUE	Not applicable
VISCOSITY, DYNAMIC	Not determined
VISCOSITY, KINEMATIC	> 1,000 mm ² /s (ISO 3219)
WATER SOLUBILITY	The study does not need to be conducted because the substance is known to be insoluble in water.
PARTITION COEFFICIENT N-OCTANOL/WATER	Not determined
VAPOUR PRESSURE	Not determined
DENSITY	Approx. 1.0 g/cm ³

9.2 OTHER INFORMATION

Sustaining combustion: no data available. Solvent content: VOC < 30 g/l (2004/42/EC); VOC (CH) < 30 g/kg.

SECTION 10 · STABILITY AND REACTIVITY

10.1 REACTIVITY	The product is stable under storage at normal ambient temperatures.
10.2 CHEMICAL STABILITY	Stable under recommended storage and handling conditions.
10.3 POSSIBILITY OF HAZARDOUS REACTIONS	May form hazardous decomposition products when exposed to high temperatures.
10.4 CONDITIONS TO AVOID	Avoid high temperatures and direct sunlight. Protect from moisture.
10.5 INCOMPATIBLE MATERIALS	Acid. Oxidising agent, strong. Reducing agent, strong. Water.
10.6 HAZARDOUS DECOMPOSITION PRODUCTS	Hazardous combustion products.

SECTION 11 · TOXICOLOGICAL INFORMATION

11.1 ACUTE TOXICITY

Based on available data, the classification criteria are not met.

ATEmix calculated: ATE (oral) > 2,000 mg/kg · ATE (dermal) > 2,000 mg/kg · ATE (inhalation, vapour) > 20 mg/l · ATE (inhalation, dust/mist) > 5 mg/l.

2-Pentanone O,O',O''-(methylsilylidyne)trioxime

Oral: ATE 500 mg/kg

3-Aminopropyltriethoxysilane

Oral: LD50 1,780 mg/kg (rat, RTECS) · Dermal: LD50 3,800 mg/kg (rabbit, RTECS)

Octhilinone (ISO); 2-octyl-2H-isothiazol-3-one (OIT)

Oral: ATE 125 mg/kg · Dermal: ATE 311 mg/kg · Inhalation (dust/mist): ATE 0.27 mg/l

SECTION 11 · TOXICOLOGICAL INFORMATION, CONTINUED

SKIN CORROSION/IRRITATION	Based on available data, the classification criteria are not met.
SERIOUS EYE DAMAGE/IRRITATION	Based on available data, the classification criteria are not met.
SENSITISING EFFECTS	Based on available data, the classification criteria are not met. Contains 3-(triethoxysilyl)propylamine, 2-octyl-2H-isothiazol-3-one. May produce an allergic reaction.
GERM CELL MUTAGENICITY	Based on available data, the classification criteria are not met.
CARCINOGENICITY	Based on available data, the classification criteria are not met.
REPRODUCTIVE TOXICITY	Based on available data, the classification criteria are not met.
STOT — SINGLE EXPOSURE	Based on available data, the classification criteria are not met.
STOT — REPEATED EXPOSURE	Based on available data, the classification criteria are not met.
ASPIRATION HAZARD	Based on available data, the classification criteria are not met.

11.2 INFORMATION ON OTHER HAZARDS

Endocrine disrupting properties: this substance does not have endocrine disrupting properties with respect to humans, as it does not meet the criteria set out in section A of Regulation (EU) No 2017/2100. Other information: no data available.

SECTION 12 · ECOLOGICAL INFORMATION

12.1 TOXICITY

2-Pentanone O,O',O''-(methylsilyldiyl)trioxime

Acute fish toxicity: LC50 > 113 mg/l, 96 h, *Oncorhynchus mykiss* (OECD 203, read-across)

Acute algae toxicity: ErC50 100 mg/l, 72 h, *Pseudokirchneriella subcapitata* (OECD 201, read-across)

Acute crustacea toxicity: EC50 > 113 mg/l, 48 h, *Daphnia magna* (OECD 202, read-across)

3-Aminopropyltriethoxysilane

Acute algae toxicity: ErC50 603 mg/l, 72 h, *Desmodesmus subspicatus*

Acute crustacea toxicity: EC50 331 mg/l, 48 h, *Daphnia magna*

12.2 PERSISTENCE AND DEGRADABILITY

Poorly biodegradable.

12.3 BIOACCUMULATIVE POTENTIAL

No indication of bioaccumulation potential. Log Pow: 2-pentanone O,O',O''-(methylsilyldiyl)trioxime 1.25; 3-aminopropyltriethoxysilane 0.31.

12.4 MOBILITY IN SOIL

Practically insoluble.

12.5 RESULTS OF PBT AND VPVB ASSESSMENT

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, Annex XIII.

12.6 ENDOCRINE DISRUPTING PROPERTIES

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms, as no component meets the criteria.

12.7 OTHER ADVERSE EFFECTS

No indication of other harmful effects.

SECTION 13 · DISPOSAL CONSIDERATIONS

13.1 WASTE TREATMENT METHODS

After curing, the product can be disposed of with domestic or commercial waste. Non-cured material has to be handled as special waste.

LIST OF WASTES CODE — CONTAMINATED PACKAGING	08 04 10 — Wastes from the manufacture, formulation, supply and use (MFSU) of coatings (paints, varnishes and vitreous enamels), adhesives, sealants and printing inks; wastes from MFSU of adhesives and sealants (including waterproofing products); waste adhesives and sealants other than those mentioned in 08 04 09.
CONTAMINATED PACKAGING	The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

SECTION 14 · TRANSPORT INFORMATION

LAND TRANSPORT (ADR/RID)	No dangerous good in the sense of this transport regulation (14.1 – 14.4).
INLAND WATERWAYS (ADN)	No dangerous good in the sense of this transport regulation (14.1 – 14.4).
MARINE TRANSPORT (IMDG)	No dangerous good in the sense of this transport regulation (14.1 – 14.4).
AIR TRANSPORT (ICAO-TI / IATA-DGR)	No dangerous good in the sense of this transport regulation (14.1 – 14.4).
14.5 ENVIRONMENTAL HAZARDS	Environmentally hazardous: no.
14.6 SPECIAL PRECAUTIONS FOR USER	No dangerous good in the sense of this transport regulation.
14.7 MARITIME TRANSPORT IN BULK (IMO INSTRUMENTS)	No dangerous good in the sense of this transport regulation.

SECTION 15 · REGULATORY INFORMATION

15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE

RESTRICTIONS ON USE
(REACH, ANNEX XVII)

Entry 40, Entry 75.

BIOCIDAL PRODUCTS
REGULATION (EU 528/2012)

"Contains a biocide: 2-octyl-2H-isothiazol-3-one. May cause an allergic reaction."

WATER HAZARD CLASS (D)

1 — slightly hazardous to water.

15.2 CHEMICAL SAFETY ASSESSMENT

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16 · OTHER INFORMATION

RELEVANT H AND EUH STATEMENTS (NUMBER AND FULL TEXT)

H226	Flammable liquid and vapour.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
EUH071	Corrosive to the respiratory tract.
EUH208	Contains 3-(triethoxysilyl)propylamine, 2-octyl-2H-isothiazol-3-one. May cause an allergic reaction.
EUH210	Safety data sheet available on request.

FURTHER INFORMATION

The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.