

# SAFETY DATA SHEET

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

**Trade name**

Silicone A 571

**Product no.**

-

**REACH registration number**

Not applicable

**Unique formula identifier (UFI)**

-

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

**Relevant identified uses of the substance or mixture**

Sealing and bonding.

**Uses advised against**

-

The full text of any mentioned and identified use categories are given in section 16

### 1.3. Details of the supplier of the safety data sheet

**Company and address**

Dana Lim A/S  
Københavnsvej 220  
DK-4600 Køge  
Denmark  
phone: +45 56 64 00 70  
fax: +45 56 64 00 90

**Contact person**

Product Safety Department

**E-mail**

info@danalim.dk

**SDS date**

2019-03-13

**SDS Version**

5.0

### 1.4. Emergency telephone number

Contact The National Poisons Information Service (dial 111, 24 h service). See section 4 "First aid measures".

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Not classified according to Regulation (EC) No. 1272/2008 (CLP)

### 2.2. Label elements

**Hazard pictogram(s)**

Not applicable

**Signal word**

-

**▼ Hazard statement(s)**

Not applicable

**Precautionary statements**

General -  
Prevention -  
Response -

According to EC-Regulation 2015/830

Storage -  
Disposal -

▼ **Identity of the substances primarily responsible for the major health hazards**

Not applicable

▼ **2.3. Other hazards**

This product contains teratogenic substances, which may cause long-term adverse effects to the unborn foetus.

This product contains substances that may cause adverse effects to the reproductive system.

The product contains one or several substance(s) included in ECHA's list of Substances of Very High Concern (SVHC)

**Additional labelling**

Safety data sheet available on request. (EUH210)

▼ **Additional warnings**

Not applicable

**VOC (volatile organic compound)**

Not applicable

**SECTION 3: Composition/information on ingredients**

▼ **3.1/3.2. Substances/Mixtures**

NAME:	Hydrocarbons, C15-C20, n-alkanes, isoalkanes, cyclics, < 0.03% aromatics
IDENTIFICATION NOS.:	CAS-no: 64742-46-7 EC-no: 934-956-3 REACH-no: 01-2119827000-58
CONTENT:	25-40%
CLP CLASSIFICATION:	Asp. Tox. 1 H304
NAME:	triacetoxyethylsilane
IDENTIFICATION NOS.:	CAS-no: 17689-77-9 EC-no: 241-677-4
CONTENT:	2.5 - <5%
CLP CLASSIFICATION:	Acute Tox. 4, Skin. Corr. 1B H302, H314, EUH014
NAME:	octamethylcyclotetrasiloxane
IDENTIFICATION NOS.:	CAS-no: 556-67-2 EC-no: 209-136-7 REACH-no: 01-2119529238-36 Index-no: 014-018-00-1
CONTENT:	0.25 - <1%
CLP CLASSIFICATION:	Flam. Liq. 3, Repr. 2, Aquatic Chronic 4 H226, H361, H413
NOTE:	SVHC
NAME:	decamethylcyclopentasiloxane
IDENTIFICATION NOS.:	CAS-no: 541-02-6 EC-no: 208-764-9
CONTENT:	0.25 - <1%
CLP CLASSIFICATION:	NA
NOTE:	SVHC
NAME:	dodecamethylcyclohexasiloxan (D6)
IDENTIFICATION NOS.:	CAS-no: 540-97-6 EC-no: 208-762-8
CONTENT:	0.25 - <1%
CLP CLASSIFICATION:	NA
NOTE:	SVHC

(\*) See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

SVHC = A substance that is included in the Candidate List of substances of very high concern (SVHCs).

**Other information**

ATEmix(oral) > 2000

**SECTION 4: First aid measures**

**4.1. Description of first aid measures**

▼ **General information**

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. The doctor can contact The National Poisons Information Service: Dial 0344 892 0111 (24 h service).

Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

▼ **Inhalation**

Bring the person into fresh air and stay with him/her.

▼ **Skin contact**

Wash contaminated skin with water.

▼ **Eye contact**

Remove contact lenses and open eyes widely. Flush eyes with water or saline water (20-30°C) for at least 15 minutes. Seek medical assistance and continue flushing during transport.

**Ingestion**

Provide plenty of water for the person to drink and stay with him/her. In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the victim lean forward with head down to avoid inhalation of- or choking on vomited material.

**Burns**

Not applicable

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

Nothing special

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

Nothing special

**Information to medics**

Bring this safety data sheet.

## SECTION 5: Firefighting measures

**5.1. Extinguishing media**

Recommended: alcohol-resistant foam, carbonic acid, powder, water mist. Waterjets should not be used, since they can spread the fire.

**5.2. Special hazards arising from the substance or mixture**

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous catabolic substances are produced. These are: Carbon oxides. Fire will result in dense black smoke. Exposure to combustion products may harm your health. Fire fighters should wear appropriate protection equipment. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

▼ **5.3. Advice for firefighters**

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact The National Poisons Information Service (dial 111, 24 h service) in order to obtain further advice.

## SECTION 6: Accidental release measures

**6.1. Personal precautions, protective equipment and emergency procedures**

No specific requirements.

**6.2. Environmental precautions**

No specific requirements.

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

Use sand, sawdust, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in container for disposal, according to local regulations. To the extent possible cleaning is performed with normal cleaning agents. Avoid use of solvents.

**6.4. Reference to other sections**

See section on "Disposal considerations" in regard of handling of waste. See section on 'Exposure controls/personal protection' for protective measures.

## SECTION 7: Handling and storage

▼ **7.1. Precautions for safe handling**

See section on 'Exposure controls/personal protection' for information on personal protection.

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

Always store in containers of the same material as the original container.

**Storage temperature**

No data available.

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

This product should only be used for applications quoted in section 1.2

**SECTION 8: Exposure controls/personal protection**

**8.1. Control parameters**

**OEL**

No substances are listed in The Control of Substances Hazardous to Health Regulations with an occupational exposure limit.

**DNEL / PNEC**

No data available

**8.2. Exposure controls**

Control is unnecessary if the product is used as intended.

**General recommendations**

Smoking, eating and drinking are not allowed in the work premises

**Exposure scenarios**

In the event exposure scenarios are appended to the safety data sheet, the operational conditions and risk management measures in these shall be complied with.

**Exposure limits**

Occupational exposure limits have not been defined for the substances in this product.

**Appropriate technical measures**

Apply standard precautions during use of the product. Avoid inhalation of gas or dust.

**Hygiene measures**

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Always wash hands, forearms and face.

**Measures to avoid environmental exposure**

No specific requirements.

**Individual protection measures, such as personal protective equipment**



**Generally**

Use only CE marked protective equipment.

**▼ Respiratory Equipment**

Not relevant if the room is well ventilated. If used in small and very badly ventilated rooms a respirator may be used. In this case an AX-filter is recommended.

**Skin protection**

No specific requirements.

**▼ Hand protection**

When applying the sealant with a caulking gun and when finishing with a joint nail, work can be carried out without gloves if skin contact is avoided.

**Eye protection**

No specific requirements.

**SECTION 9: Physical and chemical properties**

**▼ 9.1. Information on basic physical and chemical properties**

Form	Pasta
Colour	Transparent
Odour	Sour
Odour threshold (ppm)	No data available.
pH	No data available.
Viscosity (40°C)	No data available.
Density (g/cm <sup>3</sup> )	No data available.

<b>Phase changes</b>	
Melting point (°C)	No data available.
Boiling point (°C)	No data available.
Vapour pressure	No data available.
Decomposition temperature (°C)	No data available.
Evaporation rate (n-butylacetate = 100)	No data available.
<b>Data on fire and explosion hazards</b>	
Flash point (°C)	150
Ignition (°C)	No data available.
Auto flammability (°C)	No data available.
Explosion limits (% v/v)	No data available.
Explosive properties	No data available.
<b>Solubility</b>	
Solubility in water	Insoluble
n-octanol/water coefficient	No data available.
<b>9.2. Other information</b>	
Solubility in fat (g/L)	No data available.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No data available

### 10.2. Chemical stability

The product is stable under the conditions, noted in the section "Handling and storage".

### 10.3. Possibility of hazardous reactions

Nothing special

### 10.4. Conditions to avoid

Nothing special

### 10.5. Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

### 10.6. Hazardous decomposition products

The product is not degraded when used as specified in section 1.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### ▼ Acute toxicity

Substance: triacetoxethylsilane

Species: Rat

Test: LD50

Route of exposure: Oral

Result: 1.460 mg/kg

#### ▼ Skin corrosion/irritation

Data on substance: Silicone material with ca. 5% mixture of triacetoxethylsilane + triacetoxymethylsilane

Test: OECD Guideline 404

Irritation Parameter: erythema score

Organism: Rabbit

Duration of Exposure: 4 h

Observation Period: 72 h

Reversability: reversible

Result: Not irritant

#### ▼ Serious eye damage/irritation

Data on substance: Silicone material with ca. 5% mixture of triacetoxethylsilane + triacetoxymethylsilane

Test: OECD Guideline 405

Irritation Parameter: cornea score

Organism: Rabbit

Duration of Exposure: 24 h

Observation Period: 72 h

Reversability: reversible

Result: Not irritant

**Respiratory or skin sensitisation**

No data available.

**Germ cell mutagenicity**

No data available.

**Carcinogenicity**

No data available.

**Reproductive toxicity**

No data available.

**STOT-single exposure**

No data available.

**STOT-repeated exposure**

No data available.

**Aspiration hazard**

No data available.

▼ **Long term effects**

Reproductive toxicity: This product contains teratogenic substances, which may produce anomalies and/or developmental defects to the human offspring. Adverse effects include: death, growth retardation, congenital disorders, delayed mental development, and functional disorders.

Reproductive toxicity: This product contains reprotoxic substances, which may harm the reproductive capacity. Adverse effects include: sterility, effects on the sexual function, lowered effective fertility and dysfunctional menstrual cycle.

**SECTION 12: Ecological information**

▼ **12.1. Toxicity**

Substance: triacetoxethylsilane  
Species: Fish  
Test: LC50  
Duration: 96 h  
Result: 251 mg/l

Substance: triacetoxethylsilane  
Species: Algae  
Test: LC50  
Duration: 72 h  
Result: 73 mg/l

**12.2. Persistence and degradability**

Substance	Biodegradability	Test	Result
No data available.			

**12.3. Bioaccumulative potential**

Substance	Potential bioaccumulation	LogPow	BCF
No data available.			

**12.4. Mobility in soil**

No data available

▼ **12.5. Results of PBT and vPvB assessment**

This product contains a vPvB and/or PBT substance.

▼ **12.6. Other adverse effects**

This product contains substances, which due to poor biodegradability, may cause adverse long-term effects to the aquatic environment,

**SECTION 13: Disposal considerations**

**13.1. Waste treatment methods**

Product is not covered by regulations on dangerous waste.

**Waste**

EWC code	
08 04 09	waste adhesives and sealants containing organic solvents or other dangerous substances

▼ **Specific labelling**

Not applicable

### Contaminated packing

No specific requirements.

## SECTION 14: Transport information

### 14.1 – 14.4

Not dangerous goods according to ADR, IATA and IMDG.

#### ADR/RID

14.1. UN number	-
14.2. UN proper shipping name	-
14.3. Transport hazard class(es)	-
14.4. Packing group	-
Notes	-
Tunnel restriction code	-

#### IMDG

UN-no.	-
Proper Shipping Name	-
Class	-
PG*	-
EmS	-
MP**	-
Hazardous constituent	-

#### IATA/ICAO

UN-no.	-
Proper Shipping Name	-
Class	-
PG*	-

### 14.5. Environmental hazards

-

### 14.6. Special precautions for user

-

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

No data available

(\*) Packing group

(\*\*) Marine pollutant

## SECTION 15: Regulatory information

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

#### Restrictions for application

-

#### Demands for specific education

-

#### Additional information

Not applicable

#### Seveso

-

#### Sources

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 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 (CLP).  
EC regulation 1907/2006 (REACH).

### 15.2. Chemical safety assessment

No

## SECTION 16: Other information

### ▼ Full text of H-phrases as mentioned in section 3

H226 - Flammable liquid and vapour.  
H302 - Harmful if swallowed.  
H304 - May be fatal if swallowed and enters airways.  
H314 - Causes severe skin burns and eye damage.  
H361 - Suspected of damaging fertility or the unborn child.  
H413 - May cause long lasting harmful effects to aquatic life.  
EUH014 - Reacts violently with water.

### The full text of identified uses as mentioned in section 1

-

### Additional label elements

Not applicable

### Other

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a blue triangle.

### The safety data sheet is validated by

Robert Pedersen

### Date of last essential change

#### (First cipher in SDS version)

2017-03-20(4.0)

### Date of last minor change

#### (Last cipher in SDS version)

2017-03-20