



# SAFETY DATASHEET

## 1. Identification

### Sanitary- & Building Silicone 577

**Date of issue:** 19-07-07  
**Replaces (previous issues):** -

**Product codes:**  
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**Company:** Dana Lim A/S, Københavnsvej 220, DK-4600 Køge, Denmark  
**Ph.:** (+45) 56 64 00 70 **Fax:** (+45) 56 64 00 90  
**Email:** [info@danalim.dk](mailto:info@danalim.dk)

**Emergency phone number:**  
(+45) 35 31 60 60 / (+45) 35 31 35 31

**Type:** Neutral elastic one-component silicone sealant

**Intended use:**  
Sealant. For technical information see Product Information.

## 3. Hazards identification:

The product is not classified as dangerous. No classification and labelling.

Small quantities of methanol are released during vulcanisation. In case of extensive sealant work on large areas in small and poorly ventilated room's vapours may be released in concentrations that can cause inconvenience such as headache, dizziness and nausea.

## 3. Composition/information on ingredients:

Classification according to Danish / EC legislation:

**Name:** **Conc.:** **Symbol:** **R-phrases:**

### TRANSPARENT+WHITE:

Trimethoxyvinyl silane <5 Xn R10-20  
EINECS-nr. 220-449-8  
CAS-nr. 2768-02-7

Distillates (petroleum) <20 Xn R65-66  
Hydro treated middle  
EINECS-nr. 265-148-2  
CAS-nr. 64742-46-7

3-Aminopropyl(methyl) silsesquioxane, ethoxy-terminated <5 Xi R10-36/38  
EINECS-nr. -  
CAS-nr. 128446-60-6

Methyltrimethoxy silane <5 F, Xi R11-38  
EINECS-nr. 214-685-0  
CAS-nr. 1185-55-3

Methanol <1 F, T R11-23/24/25-39/23/24/25  
EINECS-nr. 200-659-6  
CAS-nr. 67-56-1

### COLOURED

#### (except white):

Trimethoxyvinyl silan <2,5 Xn R10-20  
EINECS-nr. 220-449-8  
CAS-nr. 2768-02-7

N-(3-(dimethoxy-methylsilyl)propyl) ethylendiamin <1 Xi R41-43-52/53  
EINECS-nr. 221-336-6  
CAS-nr. 3069-29-2

Methanol <1 F, T R11-23/24/25-39/23/24/25  
EINECS-nr. 200-659-6  
CAS-nr. 67-56-1

\*For full text see Section 16

## 4. First aid measures:

### General:

In all cases of doubt, seek medical attention. Bring this safety data sheet.

### Inhalation:

Seek fresh air in case of inconvenience. Seek medical advice if inconvenience persists.

### Eye contact:

Remove contact lenses. After separating the eyelids flush with copious amounts of water, at least 15 min. Seek medical advice if irritation persists.

**Skin contact:** Remove contaminated clothing. Dry off as much as possible with a dry cloth. Afterwards wash skin thoroughly with soap and water or use a proprietary skin cleaner. Do not use solvents or thinner.

### Ingestion:

Rinse out mouth with water and drink plenty of water. Keep affected person under surveillance. Seek medical advice.

## 5. Fire fighting measures:

*Extinguishing media: Foam, CO<sub>2</sub>, powder or water spray. Do not use water jet, which spread the fire.*

*Cool closed containers exposed to fire with water spray.*

*In case of heating and fire silica dust and hazardous and inflammable vapours may be produced. Appropriate self-containing breathing apparatus is required.*

## 6. Accidental release measures:

*Provide adequate ventilation. Avoid skin and eye contact. See protective measures listed in section 8.*

*Contain and collect spillages with e.g. scraper or shovel and place in a suitable container for disposal in accordance with the waste regulations (see section 13).*

*Clean preferably with a detergent, avoid the use of solvents.*

*Do not allow product to enter drains or watercourses.*

## 7. Handling and storage:

### Handling:

*Provide adequate ventilation. Avoid skin and eye contact. Prevent the product to come in contact with moisture.*

*Smoking, eating and drinking should be prohibited in areas of storage and use. For personal protection see section 8.*

### Storage:

*The product should be kept out of reach of children, in well-closed containers according to national or local regulations in a dry, well-ventilated place and stored separately from foods.*

## 8. Exposure controls / personal protection:

### Technical facility design:

*All work shall be arranged so that inhalation of vapours and also smudge of the skin are reduced to a minimum. Provide adequate ventilation. If exposure cannot be kept under the occupational exposure limits by the provision of local exhaust ventilation, suitable respiratory protective equipment should be used.*

### Occupational exposure limits:

Name:	ppm	mg/m <sup>3</sup>
Methanol	200	260

*The list valid during the compilation (Danish list, April 2005) was used as basis.*

### Personal protection:

*Please contact your supplier of equipment for personal protection for further guidance when choosing equipment for the working situation in question.*

### Respiratory protective equipment:

*Use suitable respiratory equipment (gas filter AX) at concentrations above the occupational exposure limits.*

### Hand protection:

*Use if necessary protective gloves (e.g. butyl rubber). 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:

*Avoid eye contact.*

### Skin protection:

*Skin exposure should be reduced to a minimum. Use if necessary protective clothing.*

## 9. Physical and chemical properties:

<b>Physical state:</b>	<i>Thixotropic paste</i>
<b>Colour:</b>	<i>Variable</i>
<b>Density, g/ml:</b>	<i>Transparent 0,98-1,05</i>
	<i>Coloured 1,38</i>
<b>Ignition temperature:</b>	<i>&gt;400 °C</i>
<b>Water solubility:</b>	<i>Insoluble*</i>

*\*Hydrolytic decomposition may occur.*

## 10. Stability and reactivity:

*Stable at room temperature protected against moisture.*

*On contact with humidity and during vulcanisation, methanol is released. Measurements of temperatures from approx. 150 °C has shown that a limited amount of formaldehyde is released because of oxidative decomposition.*

**11. Toxicological information:**

*Inhalation: Small quantities of methanol are released during vulcanisation.  
In case of extensive sealant work on large areas in small and poorly ventilated rooms vapours may be released in concentrations that can cause inconvenience such as headache, dizziness and nausea.*

*Skin: Repeated and prolonged skin contact may cause irritation.*

*Ingestion by accident can cause pain in the stomach.*

*Eyes: contact may cause irritation.*

**12. Ecological information:**

*Mobility: Insoluble in water.  
Silicone part: Not biodegradable.  
Organic solvents: Biodegradable*

**13. Disposal considerations:**

*Wastes should be disposed of according to national or local regulations.*

*EAK-code: 08 04 09*

**14. Transport information:**

*The product is not classified as dangerous for carriage.*

**ADR/RID:** Class: - Pk.gr: -

**IMDG:** Class: - Pk.gr: -  
EmS: - MP: -

**ICAO/IATA:** Class: - Pk.gr: -

**15. Regulatory information:**

*This product has been classified in accordance with Danish and EC Directives on hazardous materials.*

**Hazard symbol:** *The product is not classified as dangerous. No classification and labelling.*

**Contains:** *N-[3-(dimethoxy-methylsilyl)propyl]ethylenediamine. May produce an allergic reaction*

**R-phrases:** -

**S-phrases:** -

**Application restriction:** -

**16. Other information:****Text of R-phrases listed in section 2:**

*R10: Flammable  
R11: Highly flammable  
R20: Harmful by inhalation.  
R23/24/25: Toxic by inhalation, in contact with skin and if swallowed.  
R36/38: Irritating to eyes and skin  
R38: Irritating to skin.  
R39/23/24/25: Toxic: danger of very serious irreversible effects through inhalation in contact with skin and if swallowed.  
R41: Risk of serious damage to eyes  
R43: May cause sensitisation by skin contact.  
R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment  
R65: Harmful: may cause lung damage if swallowed.  
R66: Repeated exposure may cause skin dryness or cracking.*

**Compared to the last safety datasheet changes has been made in the sections: 15.**

*The information contained in this safety datasheet is based on present state of knowledge and current EC and Danish legislation. The product should not be used for purposes other than those shown in section 1. As the specific condition of use of the product is outside the supplier's control, the user is responsible for ensuring that the requirements of relevant legislation are complied with. The information in this safety datasheet provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitable for particular applications. In case of medical attention, bring this safety datasheet.*