

# SAFETY DATA SHEET

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

### 1.1. Product identifier

**Trade name**

Construction Extra 292

**Product no.**

-

**REACH registration number**

Not applicable

**Other means of identification**

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

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

Construction adhesive for most building applications

**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**

17-06-2013

**SDS Version**

5.0

### 1.4. Emergency telephone number

Use your national or local emergency number  
See section 4 "First aid measures"

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

This product is not classified as dangerous.  
See full text of H/R-phrases in section 2.2.

### 2.2. Label elements

**Hazard pictogram(s)**

-

**Hazard statement(s)**

-

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

|                            |            |   |
|----------------------------|------------|---|
| <b>Safety statement(s)</b> | General    | - |
|                            | Prevention | - |
|                            | Response   | - |
|                            | Storage    | - |
|                            | Disposal   | - |

### 2.3. Other hazards

#### Additional labelling

Safety data sheet available on request.

#### Additional warnings

-

#### VOC

-

## SECTION 3: Composition/information on ingredients

### ▼ 3.1/3.2. Substances

|                      |  |
|----------------------|--|
| NAME:                | Trimethoxyvinylsilane  |
| IDENTIFICATION NOS.: | CAS-no: 2768-02-7 EC-no: 220-449-8 REACH-no: 01-2119513215-52-0003 |
| CONTENT:             | 1-5%   |
| DSD CLASSIFICATION:  | R10 Xn;R20   |
| CLP CLASSIFICATION:  | Flam. Liq. 3, Acute Tox. 4<br>H226, H332                           |

|                      |  |
|----------------------|--|
| NAME:                | Organosilan ester                        |
| IDENTIFICATION NOS.: | -  |
| CONTENT:             | 1-5%                                     |
| DSD CLASSIFICATION:  | R10 Xn;R20                               |
| CLP CLASSIFICATION:  | Flam. Liq. 3, Acute Tox. 4<br>H226, H332 |

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

### Other informations

## 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. Contact a physician, if there is doubt about the injured person's condition, or the symptoms continuous. Never give the unconscious person water or alike.

#### Inhalation

Lead the person into fresh air and keep the person under watch.

#### Skin contact

Remove contaminated clothing and shoes at once. If there has been contact to some skin, wash is thoroughly with water and soap. Skin cleansing remedies can be used. DO NOT use solvents or a thinner.

#### Eye contact

Remove contact lenses. Flush eyes immediately with plenty of water (20-30 °C), until irritation cease and for at least 15 min.

#### Ingestion

Give the person plenty to drink and keep the person under watch. If fainting: Contact a physician immediately and bring along this security datasheet or the label from the product. Do not induce vomiting, unless recommended by the physician. Lower the person's head, so that vomit does not run back into the mouth or throat.

#### Burns

Rinse with water until the pain stops and continue for 30 minutes.

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

Non specific.

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

Non specific.

#### Information to medics

Bring this safety data sheet.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Recommendation: alcohol resistant foam, carbonic acid, powder, fog. Usage of a water beam is forbidden, since it can spread the fire.

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

If the product gets exposed to high temperature, as in case of a fire, dangerous demolition products get created. These are: Nitrogen oxides. Carbon oxides. Some metal oxides. If exposed to decomposition products, a danger to one's health is at risk. Fire fighters should use proper protection gear. A closed container, which is exposed to fire, should be cooled with water. Do not allow the water from the fire extinction run into sewer systems and water streams.

### 5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact.

## SECTION 6: Accidental release measures

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

No specific demands.

### 6.2. Environmental precautions

No specific demands.

### 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. If possible, clean with cleaning supplies. Solvents should be avoided.

### 6.4. Reference to other sections

See section 13 regarding 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 the same container as the original material.

#### Storage temperature

NA

### 7.3. Specific end use(s)

This product should only be used for applications described in Section 1.2

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### OEL

Methanol (released in small quantities during vulcanisation) (EH40/2005)  
Long-term exposure limit (8-hour TWA reference period): 200 ppm | 266 mg/m<sup>3</sup>  
Short-term exposure limit (15-minute reference period): 250 ppm | 333 mg/m<sup>3</sup>  
Comments: Sk (Sk = Can be absorbed through skin. )

#### DNEL / PNEC

No data available.

### 8.2. Exposure controls

Compliance with the stated exposure limits values should be checked on a regular basis.

#### General recommendations

Smoking, consumption of food and liquids as well as storage of tobacco, foods and liquids, is not allowed in the room.

#### Exposure scenarios

If there is an appendix to this safety data sheet, the indicated exposure scenarios must be complied.

#### Exposure limits

Trade users should encompass the rules of the work environment legislation on maximum concentrations of exposure. See work hygienic threshold limiting values below.

#### Appropriate technical measures

Airborne gas and dust concentrations must be kept lowest possible and under the existing threshold limiting values (see below). In case the air streams in the work room is not sufficient, use for example an exhaust. Make sure there are visible signs for eye cleanser and shower.

**Hygiene measures**

Wash hands before breaks and at the end of work.

**Measures to avoid environmental exposure**

No specific demands.

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



**Generally**

Only CE-marked personal protection equipment should be used.

**Respiratory Equipment**

Not relevant if the room is well ventilated. If used in small and very badly ventilated rooms a respirator may be used. Recommended: AX, Class 2 (medium capacity), Brown

**Skin protection**

No specific demands.

**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. Recommended: Butyl/nitrile rubber. Breakthrough time: NA

**Eye protection**

No specific demands.

**SECTION 9: Physical and chemical properties**

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

| Form  | Colour | Odour | pH | Viscosity | Density (g/cm <sup>3</sup> ) |
|-------|--------|-------|----|-----------|------------------------------|
| Pasta | NA     | NA    | -  | -         | 1,46                         |

**Phase changes**

| Melting point (°C) | Boiling point (°C) | Vapour pressure (mm Hg) |
|--------------------|--------------------|-------------------------|
| -                  | 1                  | -                       |

**Data on fire and explosion hazards**

| Flashpoint (°C)          | Ignition (°C)        | Self ignition (°C) |
|--------------------------|----------------------|--------------------|
| -                        | -                    | -                  |
| Explosion limits (Vol %) | Oxidizing properties |                    |
| -                        | -                    |                    |

**Solubility**

| Solubility in water | n-octanol/water coefficient |
|---------------------|-----------------------------|
| Insoluble           | -                           |

**9.2. Other information**

| Solubility in fat | Additional information |
|-------------------|------------------------|
| -                 | N/A                    |

**SECTION 10: Stability and reactivity**

**10.1. Reactivity**

No data available

**10.2. Chemical stability**

The product is stable under the conditions, noted in section 7.

**10.3. Possibility of hazardous reactions**

Non specific.

**10.4. Conditions to avoid**

Non specific.

**10.5. Incompatible materials**

Strong acids, strong bases, strong oxidations remedies and strong reduction remedies.

**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             | Species | Test | Route of exposure | Result       |
|-----------------------|---------|------|-------------------|--------------|
| Trimethoxyvinylsilane | Rat     | LD50 | Oral              | 7100 mg/kg   |
| Trimethoxyvinylsilane | Rabbit  | LD50 | Dermal            | 3200 mg/kg   |
| Trimethoxyvinylsilane | Rat     | LD50 | Inhalation        | 16,8 mg/l/4h |

#### ▼ Skin corrosion/irritation

No data available.

#### ▼ Serious eye damage/irritation

No data available.

#### ▼ 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

Non specific.

## SECTION 12: Ecological information

### 12.1. Toxicity

| Substance             | Species | Test | Test duration | Result   |
|-----------------------|---------|------|---------------|----------|
| Trimethoxyvinylsilane | Fish    | LC50 | 96 h          | 191 mg/l |
| Trimethoxyvinylsilane | Daphnia | EC50 | 48 h          | 169 mg/l |
| Trimethoxyvinylsilane | Daphnia | NOEC | 21 d          | 25 mg/l  |
| Trimethoxyvinylsilane | Algae   | NOEC | 72 h          | 25 mg/l  |

### 12.2. Persistence and degradability

| Substance             | Biodegradability | Test              | Result            |
|-----------------------|------------------|-------------------|-------------------|
| Trimethoxyvinylsilane | No               | No data available | No data available |

### 12.3. Bioaccumulative potential

| Substance          | Potential bioaccumulation | LogPow | BFC |
|--------------------|---------------------------|--------|-----|
| No data available. |                           |        |     |

### 12.4. Mobility in soil

No data available

### 12.5. Results of PBT and vPvB assessment

No data available

### 12.6. Other adverse effects

This product contains substances, which can give unwanted long term effects in a water environment, due to its poor decomposition.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

The product should be treated as dangerous waste.

#### Waste

EWC code  
08 04 10

**Specific labelling**

-

**Contaminated packing**

Contaminated packaging should be disposed of the same way as the product itself.

**SECTION 14: Transport information**

Non dangerous goods, referring to ADR and IMDG.

**14.1 – 14.4**

| ADR/RID | 14.1. UN number | 14.2. UN proper shipping name | 14.3. Transport hazard class(es) | 14.4. Packing group |     | Notes |                       |
|---------|-----------------|-------------------------------|----------------------------------|---------------------|-----|-------|-----------------------|
| IMDG    | UN-no.          | Proper Shipping Name          | Class                            | PG*                 | EmS | MP**  | Hazardous constituent |

**14.5. Environmental hazards**

-

**14.6. Special precautions for user**

-

**14.7. Transport in bulk according to Annex II of MARPOL73/78 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**

-

**15.2. Chemical safety assessment**

No

**SECTION 16: Other information'**

**Sources**

EC regulation 1907/2006 (REACH)

Directive 2000/532/EC

EC Regulation 1272/2008 (CLP)

**▼ Full text of H/R-phrases as mentioned in section 3**

R10 - Flammable.

R20 - Harmful by inhalation.

H226 - Flammable liquid and vapour.

H332 - Harmful if inhaled.

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

**Other symbols mentioned in section 2**

-

**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)) is marked with a blue triangle.

**The safety data sheet is validated by**

According to EC-Regulation 1907/2006 (REACH)



Connie Fløe

**Date of last essential change  
(First cipher in SDS version)**

20-08-2012

**Date of last minor change  
(Last cipher in SDS version)**

17-06-2013

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