

SAFETY DATA SHEET

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

1.1. Product identifier

Trade name

Turbo Tack 291

Product no.

520

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

The full text of any mentioned and identified application 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

02-03-2012

SDS Version

2.0

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.

2.2. Label elements

▼ Hazard pictogram(s)

-

Hazard statement(s)

-

Identity of the substances primarily responsible for the major health hazards

Safety statement(s)	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. Substances

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

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

NAME: Aminofunctionel oligosiloxane
IDENTIFICATION NOS.: CAS-no: 749886-39-3
CONTENT: 1-5%
DSD CLASSIFICATION: C;R34
CLP CLASSIFICATION: Skin. Corr. 1B
H314

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

Other information

SECTION 4: First aid measures

4.1. Description of first aid measures

▼ General information

In case of an accident: Contact a physician or the emergency room - bring the label or the 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: 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

Avoid inhalation of vapours from waste material.

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/m³
Short-term exposure limit (15-minute reference period): 250 ppm | 333 mg/m³
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

According to EC-Regulation 1907/2006 (REACH)

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 adhesive with a caulking gun, work can be carried out without gloves if skin contact is avoided. Recommended: Butyl rubber. Breakthrough time: Discarded after use.

▼ **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 ³)
Pasta	White	NA	-	-	1,56

Phase changes

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

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

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	28 mg/l
Trimethoxyvinylsilane	Algae	NOEC	72 h	25 mg/l

12.2. Persistence and degradability

Substance	Biodegradability	Test	Result
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

Non specific.

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	UN number	UN proper shipping name	Transport hazard class(es)	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

-

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.

R34 - Causes burns.

H226 - Flammable liquid and vapour.

H314 - Causes severe skin burns and eye damage.

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

Dorthe Christensen

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

30-08-2011

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

02-03-2012