

SAFETY DATA SHEET

Based on Regulation (EC) No. 1907/2006 (REACH) Article 31 and Annex II



539506000, TRANS 7 CLEAR

1. Identification of the substance/preparation and of the company/undertaking

1.1 Identification of the substance or preparation:

Product name: 539506000, TRANS 7 CLEAR

1.2 Use of the substance/preparation:

Adhesive

Sealing compound

1.3 Company/undertaking identification:

Supplier of the safety data sheet

TEC7 N.V.

Industrielaan 5B

B-2250 Olen

Tel: +32 14 85 97 37

Fax: +32 14 85 97 38

info@tec7.be

Manufacturer of the product

TEC7 N.V.

Industrielaan 5B

B-2250 Olen

Tel: +32 14 85 97 37

Fax: +32 14 85 97 38

info@tec7.be

1.4 Emergency telephone:

24h/24h:

+32 14 58 45 45 (BIG)

2. Hazards identification

DSD/DPD

Not classified as dangerous according to the criteria of directive(s) 67/548/EEC and/or 1999/45/EC

Other hazards

Literature reports: not readily degradable in water

3. Composition/information on ingredients

Name	CAS No EINECS/ELINCS	Conc.	Classification according to DSD/ DPD	Classification according to CLP	Note
trimethoxyvinylsilane	2768-02-7 220-449-8	<=2.5 %	Xn; R20 R10	Flam. Liq. 3; H226 Acute Tox. 4; H332	(1)
3-(trimethoxysilyl)propylamine	13822-56-5 237-511-5	<=2.5 %	Xi; R38 - 41	Skin Irrit. 2; H315 Eye Dam. 1; H318	(1)

(1) For R-phrases and H-statements in full: see heading 16

4. First aid measures

4.1 After inhalation:

Remove the victim into fresh air

Respiratory problems: consult a doctor/medical service

4.2 Skin contact:

Rinse with water

Soap may be used

Take victim to a doctor if irritation persists

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Technische Schoolstraat 43 A, B-2440 Geel

<http://www.big.be>

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4.3 Eye contact:

- Rinse with water
- Take victim to an ophthalmologist if irritation persists

4.4 After ingestion:

- Rinse mouth with water
- Consult a doctor/medical service if you feel unwell

5. Fire-fighting measures

5.1 Suitable extinguishing media:

- Water spray
- Alcohol-resistant foam
- BC powder
- Carbon dioxide

5.2 Unsuitable extinguishing media:

- No unsuitable extinguishing media known

5.3 Special exposure hazards:

- Upon combustion CO and CO₂ are formed

5.4 Instructions:

- No specific fire-fighting instructions required

5.5 Special protective equipment for fire-fighters:

- Gloves
- Protective clothing
- Heat/fire exposure: compressed air/oxygen apparatus

6. Accidental release measures

6.1 Personal precautions:

- See heading 8.2

6.2 Environmental precautions:

- See heading 13

6.3 Methods for cleaning up:

- Scoop solid spill into closing containers
- Clean contaminated surfaces with an excess of water
- Wash clothing and equipment after handling

7. Handling and storage

7.1 Handling:

- Observe normal hygiene standards
- Keep container tightly closed

7.2 Storage:

Safe storage requirements:

- Store in a cool area
- Store in a dry area
- Keep container in a well-ventilated place
- Keep only in the original container
- Meet the legal requirements

Keep away from:

- No data available

Suitable packaging material:

- paper
- cardboard
- plastics

7.3 Specific use(s):

- See information supplied by the manufacturer for the identified use(s)

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8. Exposure controls/Personal protection

8.1 Exposure limit values:

8.1.1 Occupational exposure:

If limit values are applicable and available these will be listed below.

8.1.2 Sampling methods:

Product name	Test	Number	Sampling method	Remark
No data available				

8.2 Exposure controls:

8.2.1 Occupational exposure controls:

Carry operations in the open/under local exhaust/ventilation or with respiratory protection

Personal protective equipment:

a) Respiratory protection:

Respiratory protection not required in normal conditions

b) Hand protection:

Gloves

c) Eye protection:

Safety glasses

d) Skin protection:

Protective clothing

8.2.2 Environmental exposure controls:

See headings 6.2, 6.3 and 13

9. Physical and chemical properties

9.1 General information:

Physical form	Paste
Odour	Characteristic odour
Colour	Variable in colour, depending on the composition

9.2 Important health, safety and environmental information:

9.3 Other information:

10. Stability and reactivity

10.1 Conditions to avoid:

Possible fire hazard

No data available

Stability

No data available

10.2 Materials to avoid:

No data available

10.3 Hazardous decomposition products:

Upon combustion CO and CO₂ are formed

11. Toxicological information

11.1 Acute toxicity:

trimethoxyvinylsilane

LD50 oral (rat)	7120 mg/kg
LD50 dermal (rabbit)	3434 mg/kg
LC50 inhalation (rat)	16 mg/l/4h

11.2 Chronic toxicity:

Not listed in carcinogenicity class (IARC,EC,TLV,MAK)

Not listed in mutagenicity class (EC,MAK)

Not classified as toxic to reproduction (EC)

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11.3 Acute effects/symptoms:

Inhalation:

No data available

Skin contact:

No data available

Eye contact:

No data available

Ingestion:

No data available

11.4 Chronic effects:

No effects known

12. Ecological information

12.1 Ecotoxicity:

trimethoxyvinylsilane

LC50 fishes

species	value	duration (h)	remarks
BRACHYDANIO RERIO	≥ 100 mg/l	96 h	

EC50 Daphnia

species	value	duration (h)	remarks
DAPHNIA MAGNA	168.7 mg/l	48 h	OECD 202

Threshold limit algae

species	value	duration (h)	remarks
SCENEDESMUS SUBSPICATUS	> 957 mg/l	72 h	

3-(trimethoxysilyl)propylamine

LC50 fishes

species	value	duration (h)	remarks
PIMEPHALES PROMELAS	1264 mg/l		ACUTE

EC50 Daphnia

species	value	duration (h)	remarks
DAPHNIA MAGNA	302 mg/l		ACUTE

12.2 Mobility:

Volatile organic compounds (VOC)

≥ 2.5 %

Solubility in/reaction with water

Literature reports: insoluble in water

Ground water

Ground water pollutant

12.3 Persistence and degradability:

Literature reports: not readily degradable in water

12.4 Bioaccumulative potential:

No bioaccumulation data available

12.5 Results of PBT assessment:

Not applicable, based on available data

12.6 Other adverse effects:

Not dangerous for the ozone layer (1999/45/EC)

13. Disposal considerations

13.1 Provisions relating to waste:

Waste material code (Directive 2008/98/EC, decision 2001/118/EC)

08 04 : wastes from MFSU of adhesives and sealants (including waterproofing products)

08 04 10 : waste adhesives and sealants other than those mentioned in 08 04 09

Depending on branch of industry and production process, also other EURAL codes may be applicable

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Can be considered as non hazardous waste according to Directive 2008/98/EC

13.2 Disposal methods:

Remove to a household waste incinerator with energy recovery

Remove waste in accordance with local and/or national regulations

Treat using the best available techniques before discharge into drains or the aquatic environment

13.3 Packaging/Container:

Waste material code packaging (Directive 2008/98/EC)

15 01 01 : paper and cardboard packaging

15 01 02 : plastic packaging

14. Transport information

ADR

Transport	Not subject
UN number	-
Class	
Packing group	
Hazard identification number	
Classification code	
Labels	
Environmentally hazardous substance mark	no

RID

Transport	Not subject
UN number	-
Class	
Packing group	
Classification code	
Labels	
Environmentally hazardous substance mark	no

ADN

Transport	Not subject
UN number	-
Class	
Packing group	
Classification code	
Labels	
Environmentally hazardous substance mark	no

IMO

Transport	Not subject
UN number	-
Class	
Packing group	
Labels	
Marine pollutant	
Environmentally hazardous substance mark	no

ICAO

Transport	Not subject
UN number	-
Class	
Packing group	
Labels	

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Environmentally hazardous substance mark

no

15. Regulatory information

15.1 EU Legislation:

DSD/DPD

Not classified as dangerous in compliance with Directive 67/548/EEC and/or Directive 1999/45/EC

15.2 National provisions:

The Netherlands

Waterbezwaarlijkheid (for NL)

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Waste identification other lists of waste materials

LWCA (the Netherlands): KGA category 03

Germany

WGK

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Classification water polluting according to external literature source

16. Other information

The information in this safety data sheet is based on data and samples provided to BIG. The sheet was written to the best of our ability and according to the state of knowledge at that time. The safety data sheet only constitutes a guideline for the safe handling, use, consumption, storage, transport and disposal of the substances/preparations/mixtures mentioned under point 1. New safety data sheets are written from time to time. Only the most recent versions may be used. Old versions must be destroyed. Unless indicated otherwise word for word on the safety data sheet, the information does not apply to substances/preparations/mixtures in purer form, mixed with other substances or in processes. The safety data sheet offers no quality specification for the substances/preparations/mixtures in question.

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(*) = INTERNAL CLASSIFICATION (NFPA)

PBT-substances = persistent, bioaccumulative and toxic substances

DSD Dangerous Substance Directive

DPD Dangerous Preparation Directive

CLP (EU-GHS) Classification, labelling and packaging (Globally Harmonised System in Europe)

Full text of any R-phrases referred to under headings 2 and 3:

R10	Flammable
R20	Harmful by inhalation
R38	Irritating to skin
R41	Risk of serious damage to eyes

Full text of any H-statements referred to under headings 2 and 3:

H226	Flammable liquid and vapour.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H332	Harmful if inhaled.

Full text of any classes referred to under headings 2 and 3:

Acute Tox.	Acute toxicity
Eye Dam.	Serious eye damage
Flam. Liq.	Flammable liquid
Skin Irrit.	Skin irritation