

SAFETY DATA SHEET

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



535106000, TEC 7

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

1.1 Identification of the substance or preparation:

Product name: 535106000, TEC 7

1.2 Use of the substance/preparation:

Adhesive
Sealing compound

1.3 Company/undertaking identification:

NOVATECH N.V.
Industrielaan 5B
B-2250 Olen
Tel: +32 14 85 97 37
Fax: +32 14 85 97 38
info@novatech.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

May produce an allergic reaction
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
N-(3-(trimethoxysilyl)propyl) ethylenediamine	1760-24-3 217-164-6	0.1%<C<1%	Xi; R38 - 41 R43	Skin Irrit. 2; H315 Eye Dam. 1; H318 Skin Sens. 1; H317	(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:

Wash immediately with lots of water
Soap may be used
Take victim to a doctor if irritation persists

4.3 Eye contact:

Rinse with water
Take victim to an ophthalmologist if irritation persists

4.4 After ingestion:

Rinse mouth with water
Immediately after ingestion: give lots of water to drink
Consult a doctor/medical service if you feel unwell

Created by: Brandweerinformatiecentrum voor Gevaarlijke Stoffen vzw (BIG)
Technische Schoolstraat 43 A, B-2440 Geel
<http://www.big.be>
Reason for revision: 2;3;5;13
Revision number: 0601

Product number: 32163

Edition date: 20001009
Date of revision: 20110329

1 / 6

5. Fire-fighting measures

5.1 Suitable extinguishing media:

Water spray
Alcohol-resistant foam
Carbon dioxide
BC powder

5.2 Unsuitable extinguishing media:

No unsuitable extinguishing media known

5.3 Special exposure hazards:

Upon combustion: formation of CO, CO₂ and small quantities of nitrous vapours

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:

Keep away from naked flames/heat
Observe strict hygiene
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:

synthetic material

7.3 Specific use(s):

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

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	Remarks
--------------	------	--------	-----------------	---------

535106000, TEC 7

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:

Insufficient ventilation: wear respiratory protection

b) Hand protection:

Gloves

c) Eye protection:

Face shield

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:

Flashpoint	> 60 °C
Relative density	1.5

9.3 Other information:

10. Stability and reactivity

10.1 Conditions to avoid:

Possible fire hazard

heat sources

Stability

No data available

10.2 Materials to avoid:

No data available

10.3 Hazardous decomposition products:

Upon combustion: formation of CO, CO₂ and small quantities of nitrous vapours

11. Toxicological information

11.1 Acute toxicity:

N-(3-(trimethoxysilyl)propyl)ethylenediamine

LD50 oral (rat)	2400 mg/kg
-----------------	------------

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)

11.3 Acute effects/symptoms:

Inhalation:

No data available

Skin contact:

Not irritating

Eye contact:

535106000, TEC 7

Not irritating

Ingestion:

No data available

11.4 Chronic effects:

ON CONTINUOUS/REPEATED EXPOSURE/CONTACT:

Skin rash/inflammation

12. Ecological information

12.1 Ecotoxicity:

N-(3-(trimethoxysilyl)propyl)ethylenediamine

LC50 fishes

species	value	duration (h)	remarks
SALMO GAIRDNERI/ ONCORHYNCHUS MYKISS	213 mg/l	96 h	

EC50 Daphnia

species	value	duration (h)	remarks
DAPHNIA MAGNA	90 mg/l	48 h	OECD 202

EC50 other aquatic organisms

species	value	duration (h)	remarks
SELENASTRUM CAPRICORNUTUM	5.5 mg/l	72 h	BIOMASS

Threshold limit other aquatic organisms

species	value	duration (h)	remarks
DAPHNIA MAGNA	<63 mg/l	48 h	OECD 202

12.2 Mobility:

Volatile organic compounds (VOC)

>= 0.1 %

Solubility in/reaction with water

Literature reports: insoluble in water

Substance sinks 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 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

13.2 Disposal methods:

Remove waste in accordance with local and/or national regulations

Dispose of the small quantities as household waste

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 02 : plastic packaging

14. Transport information

ADR

Revision number: 0601

Product number: 32163

4 / 6

535106000, TEC 7

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	
Environmentally hazardous substance mark	no

15. Regulatory information

15.1 EU Legislation:

DSD/DPD

Classification according to directives 67/548/EEC, 1999/45/EC and 2006/8/EC

Contains: N-(3-(trimethoxysilyl)propyl)ethylenediamine. May produce an allergic reaction.

15.2 National provisions:

The Netherlands

Waterbezwaarlijkheid (for NL)

11

535106000, TEC 7

Waste identification other lists of waste materials

LWCA (the Netherlands): KGA category 03

Germany

WGK

1

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.

Compliance with the instructions in this safety data sheet does not release the user from the obligation to take all measures dictated by common sense, regulations and recommendations or which are necessary and/or useful based on the real applicable circumstances. BIG does not guarantee the accuracy or exhaustiveness of the information provided. Use of this safety data sheet is subject to the licence and liability limiting conditions as stated in your BIG licence agreement. All intellectual property rights to this sheet are the property of BIG and its distribution and reproduction are limited. Consult your BIG licence agreement for details.

(*) = 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:

R38	Irritating to skin
R41	Risk of serious damage to eyes
R43	May cause sensitisation by skin contact

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

H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.

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

Eye Dam.	Serious eye damage
Skin Irrit.	Skin irritation
Skin Sens.	Skin sensitization