

Rigid Foam Götz Premium Tec 500 Component A

Product code: 000010

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

1.1 Product identifier

Rigid Foam Götz Premium Tec 500 Component A

1.2 Relevant identified uses of the substance or mixture and uses advised against Use of the substance/mixture

Polyol component for polyurethane manufacture

1.3 Details of the supplier of the safety data sheet

Company name:	Götz Service GmbH		
Street:	Carl-Benz-Str. 1		
Place:	D- 73095 Albershausen		
Telephone:	+49(0)7161/6102-0	Telefax:	+49 (0) 7161 6102-990
Responsible Department:	info@goetz-service.com		

1.4 Emergency telephone number: Giftnotruf München Tel.(24h): +49 (0)89/19240 (german / english)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GB CLP Regulation

Eye Irrit. 2; H319

Full text of hazard statements: see SECTION 16.

2.2. Label elements

GB CLP Regulation

Signal word: Warning

Pictograms:



Hazard statements

H319 Causes serious eye irritation.

Precautionary statements

P264	Wash Skin thoroughly after handling.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313	If eye irritation persists: Get medical advice/attention.

2.3. Other hazards

None known

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Formulation of polyols

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Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (GB CLP Regulation)			
25214-63-5	Alkylaminopoly (oxyalkylen)-ol			20 - < 25 %
	500-035-6		01-2119471485-32	
	Eye Irrit. 2; H319			
77-99-6	Trimethylolpropane			1 - < 5 %
	201-074-9		01-2119486799-10	
	Repr. 2; H361fd			

Full text of H and EUH statements: see section 16.

Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
	Specific Conc. Limits, M-factors and ATE		
25214-63-5	500-035-6	Alkylaminopoly (oxyalkylen)-ol	20 - < 25 %
	dermal: LD50 = > 2000 mg/kg; oral: LD50 = > 2000 mg/kg		
77-99-6	201-074-9	Trimethylolpropane	1 - < 5 %
	dermal: LD50 = > 10000 mg/kg; oral: LD50 = 14700 mg/kg		

Further Information

There are no data available on the mixture itself.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Remove contaminated, saturated clothing immediately.
In the event of persistent symptoms receive medical treatment.
Remove affected person from the danger area and lay down.

After inhalation

Move to fresh air in case of accidental inhalation of vapours.
In the event of persistent symptoms receive medical treatment.

After contact with skin

Wash with plenty of water/soap.
If skin irritation or rash occurs: Get medical advice/attention.

After contact with eyes

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

After ingestion

Rinse mouth immediately and drink plenty of water.
Never give anything by mouth to an unconscious person or a person with cramps.
Call a physician immediately.
Do NOT induce vomiting.

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

There are no data available on the mixture itself.

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

There are no data available on the mixture itself.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Foam, carbon dioxide (CO₂), dry chemical, water-spray.

Unsuitable extinguishing media

Full water jet

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5.2. Special hazards arising from the substance or mixture

In case of fire may be liberated:
Carbon monoxide, Carbon dioxide (CO₂)

5.3. Advice for firefighters

Protective clothing.
Use breathing apparatus with independent air supply.

Additional information

none

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

In case of vapour formation use respirator.
Provide adequate ventilation.
Use personal protective clothing.
Keep away from sources of ignition - No smoking.

For emergency responders

Protective equipment

6.2. Environmental precautions

Clear contaminated areas thoroughly.
Do not discharge into the drains/surface waters/groundwater.

6.3. Methods and material for containment and cleaning up

For containment

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

For cleaning up

Take up mechanically, placing in appropriate containers for disposal.

6.4. Reference to other sections

none

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Keep container tightly closed.
Provide sufficient air exchange and/or exhaust in work rooms.
Avoid contact with skin, eyes and clothes.

Advice on protection against fire and explosion

No special measures are necessary.

Advice on general occupational hygiene

Do not inhale vapours.
Wash hands before breaks and after work.
Avoid contact with skin, eyes and clothes.
When using do not eat, drink, smoke, sniff.
Take off contaminated clothing and wash it before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed in a cool, well-ventilated place.
Protect from direct sunlight.

Further information on storage conditions

Keep away from food, drink and animal feedingstuffs. Do not expose to temperatures exceeding 50 °C/122 °F.

7.3. Specific end use(s)

There are no data available on the mixture itself.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

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DNEL/DMEL values

CAS No	Substance			
DNEL type		Exposure route	Effect	Value
25214-63-5	Alkylaminopoly (oxyalkylen)-ol			
Worker DNEL, long-term		dermal	systemic	13,9 mg/kg bw/day
Worker DNEL, long-term		inhalation	systemic	98 mg/m³
77-99-6	Trimethylolpropane			
Worker DNEL, long-term		dermal	systemic	0,94 mg/kg bw/day
Worker DNEL, long-term		inhalation	systemic	3,3 mg/m³

PNEC values

CAS No	Substance	
Environmental compartment	Value	
25214-63-5	Alkylaminopoly (oxyalkylen)-ol	
Freshwater	0,085 mg/l	
Marine water	0,0085 mg/l	
Freshwater sediment	0,074 mg/kg	
Marine sediment	0,0074 mg/kg	
Micro-organisms in sewage treatment plants (STP)	70 mg/l	
Soil	0,0162 mg/kg	
77-99-6	Trimethylolpropane	
Freshwater	1 mg/l	
Marine water	0,1 mg/l	
Freshwater sediment	3,505 mg/kg	
Marine sediment	0,351 mg/kg	
Micro-organisms in sewage treatment plants (STP)	100 mg/l	
Soil	0,241 mg/kg	

Additional advice on limit values

There are no data available on the mixture itself.

8.2. Exposure controls

Appropriate engineering controls

Provide adequate ventilation as well as local exhaust at critical locations.

Provide appropriate exhaust ventilation at machinery.

Individual protection measures, such as personal protective equipment

Eye/face protection

Wear eye/face protection.

Hand protection

Chemical-resistant gloves (EN 374)

Suitable materials also for extended, direct contact (recommended: protection index 6, corresponding to a permeation rate > 480 minutes according to EN 374):

butyl rubber (Butyl) - = 0.7 mm thickness; i.e. < Butoject 898> made by KCL.

Nitrile rubber (Nitrile) - 0.4 mm thickness : i.e.<Camatril Velours 730> made by KCL.

Because of the great variety of glove types, the manufacturer's instructions for use must be adhered to.

The data given refer to information from glove manufacturers or have been assessed by analogy to similar materials. It should be taken into consideration, that due to the great number of influential factors such as the temperature, the daily durability of chemicals resistant protective gloves may be considerably reduced in practice, compared to the permeation rate assessed according to EN 374.

Skin protection

Wear suitable protective clothing.

Safety Shoes

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Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment.

If product is sprayed, use fresh-air breathing apparatus or (only short-term use) a combination filter A2-P2.

Environmental exposure controls

There are no data available on the mixture itself.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	beige
Odour:	not determined

Test method

Melting point/freezing point:	not determined
Boiling point or initial boiling point and boiling range:	> 300 °C
Flammability	
Solid/liquid:	not applicable
Gas:	not applicable
Lower explosion limits:	not determined
Upper explosion limits:	not determined
Flash point:	> 100 °C
Auto-ignition temperature:	> 300 °C
Decomposition temperature:	not determined
pH-Value:	not determined
Viscosity / kinematic:	not determined
Water solubility:	not determined
Solubility in other solvents	
not determined	
Dissolution rate:	not determined
Partition coefficient n-octanol/water:	not determined
Dispersion stability:	not determined
Vapour pressure:	not determined
Density:	0,99 - 1,03 g/cm ³ DIN EN/ ISO 2811-1
Bulk density:	not applicable
Relative vapour density:	not determined
Particle characteristics:	not applicable

9.2. Other information

Explosive properties

Product does not present an explosion hazard.

Other safety characteristics

Viscosity / dynamic: (at 20 °C)	1.500 - 3.000 mPa·s DIN 53019-1
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There are no data available on the mixture itself.

SECTION 10: Stability and reactivity

10.1. Reactivity

Exothermic reaction with: Isocyanate

10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

There are no data available on the mixture itself.

10.4. Conditions to avoid

To avoid thermal decomposition, do not overheat.

10.5. Incompatible materials

There are no data available on the mixture itself.

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10.6. Hazardous decomposition products

The product is stable under storage at normal ambient temperatures.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in GB CLP Regulation

Acute toxicity

Based on available data, the classification criteria are not met.

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
25214-63-5	Alkylaminopoly (oxyalkylen)-ol				
	oral	LD50 > 2000 mg/kg	Rat		
	dermal	LD50 > 2000 mg/kg	Rat		
77-99-6	Trimethylolpropane				
	oral	LD50 14700 mg/kg	Rat		
	dermal	LD50 > 10000 mg/kg	Rabbit		

Irritation and corrosivity

Causes serious eye irritation.

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Sensitising effects

Based on available data, the classification criteria are not met.

Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

Specific effects in experiment on an animal

There are no data available on the mixture itself.

Additional information on tests

There are no data available on the mixture itself.

Practical experience

There are no data available on the mixture itself.

11.2. Information on other hazards

Endocrine disrupting properties

There are no data available on the mixture itself.

Other information

There are no data available on the mixture itself.

SECTION 12: Ecological information

12.1. Toxicity

There are no data available on the mixture itself.

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CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
25214-63-5	Alkylaminopoly (oxyalkylen)-ol					
	Acute fish toxicity	LC50 mg/l	4600	96 h	Leuciscus idus (golden orfe)	
	Acute algae toxicity	ErC50 mg/l	150,67	72 h	Scenedesmus subspicatus	
	Acute crustacea toxicity	EC50 mg/l	> 100	48 h	Daphnia magna (Big water flea)	
	Acute bacteria toxicity	(EC50 mg/l)	700	3 h	Activated sludge	
77-99-6	Trimethylolpropane					
	Acute fish toxicity	LC50 mg/l	> 1000	96 h	Oryzias latipes (Ricefish)	
	Acute algae toxicity	ErC50 mg/l	> 1000	72 h	Selenastrum capricornutum	
	Acute crustacea toxicity	EC50 mg/l	13000	48 h	Daphnia magna (Big water flea)	

12.2. Persistence and degradability

There are no data available on the mixture itself.

CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
25214-63-5	Alkylaminopoly (oxyalkylen)-ol			
	67/548/EWG, Anh V, C.4.D	9%	28	
	Poorly biodegradable.			
	Biodegradable (OECD): 302 B	36 %	28	
	i.e. not inherently degradable			

12.3. Bioaccumulative potential

There are no data available on the mixture itself.

BCF

CAS No	Chemical name	BCF	Species	Source
77-99-6	Trimethylolpropane	6,3 - 16,2		

12.4. Mobility in soil

There are no data available on the mixture itself.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to UK REACH.

12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7. Other adverse effects

There are no data available on the mixture itself.

Further information

Do not allow to enter into surface water or drains.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

Where possible recycling is preferred to disposal.

Can be incinerated, when in compliance with local regulations.

It is not possible to give this product a waste code number according to the European waste catalogue because only the intended use of the user consents the assignment of a specific code number.

The waste code number must be agreed with the disposer / manufacturer / competent authority.

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Contaminated packaging

Handle contaminated packages in the same way as the substance itself.
Non-contaminated packages may be recycled.

SECTION 14: Transport information

Land transport (ADR/RID)

<u>14.1. UN number or ID number:</u>	No dangerous good in sense of this transport regulation.
<u>14.2. UN proper shipping name:</u>	No dangerous good in sense of this transport regulation.
<u>14.3. Transport hazard class(es):</u>	No dangerous good in sense of this transport regulation.
<u>14.4. Packing group:</u>	No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

<u>14.1. UN number or ID number:</u>	No dangerous good in sense of this transport regulation.
<u>14.2. UN proper shipping name:</u>	No dangerous good in sense of this transport regulation.
<u>14.3. Transport hazard class(es):</u>	No dangerous good in sense of this transport regulation.
<u>14.4. Packing group:</u>	No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI/IATA-DGR)

<u>14.1. UN number or ID number:</u>	No dangerous good in sense of this transport regulation.
<u>14.2. UN proper shipping name:</u>	No dangerous good in sense of this transport regulation.
<u>14.3. Transport hazard class(es):</u>	No dangerous good in sense of this transport regulation.
<u>14.4. Packing group:</u>	No dangerous good in sense of this transport regulation.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

Keep away from food, drink and animal feedingstuffs.

14.7. Maritime transport in bulk according to IMO instruments

There are no data available on the mixture itself.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 3

Additional information

This product does not contain substances of very high concern > 0,1% (Regulation (EC) No 1907/2006 (REACH), Article 57).

Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).

Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.

National regulatory information

Water hazard class (D): 1 - slightly hazardous to water

15.2. Chemical safety assessment

For the following substances of this mixture a chemical safety assessment has been carried out:

Alkylaminopoly (oxyalkylen)-ol

SECTION 16: Other information

Changes

This data sheet contains changes from the previous version in section(s) 6, 9, 15, 16

Abbreviations and acronyms

UFI: Unique Formula Identifier

DNEL: Derived No-Effect Level

PBT: persistent and bioaccumulative and toxic

vPvB: very persistent, very bioaccumulative

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Classification for mixtures and used evaluation method according to GB CLP Regulation

Classification	Classification procedure
Eye Irrit. 2; H319	Calculation method

Relevant H and EUH statements (number and full text)

H319 Causes serious eye irritation.
H361fd Suspected of damaging fertility. Suspected of damaging the unborn child.

Further Information

The classification is based on the calculation method according to Regulation (EU) No. 1272/2008

Data of items 4 to 8, as well as 10 to 12, do partly not refer to the use and the regular employing of the product (in this sense consult information on use and on product), but to liberation of major amounts in case of accidents and irregularities.

The information describes exclusively the safety requirements for the product (s) and is based on the present level of our knowledge.

The delivery specifications are contained in the corresponding product sheet.

This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.

Key literature references and sources for data: Regulation (EC) No 1907/2006; Regulation (EC) No. 1272/2008

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)
