

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

**1.1. Product identifier**

Name of product FOAM SEAL A-Komponente

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

No information available.

**1.3. Details of the supplier of the safety data sheet**

Manufacturer/distributor TPH Bausysteme GmbH  
Nordportbogen 8, D-22848 Norderstedt  
Phone +49 (0)40 / 52 90 66 78-0, Fax +49 (0)40 / 52 90 66  
78-78  
E-Mail info@tph-bausysteme.com  
Internet www.tph-bausysteme.com

**Advice**

E-mail (competent person):  
sdb-info@tph-bausysteme.com

**1.4. Emergency telephone number**

Emergency advice GIZ-Nord  
Phone +49 (0)551 / 19240

**SECTION 2: Hazards identification**

**2.1. Classification of the substance or mixture**

**Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]**

Hazard classes and Hazard categories	Hazard Statements	Classification procedure
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Skin Irrit. 2	H315
Eye Irrit. 2	H319

**Hazard statements for health hazards**

H315	Causes skin irritation.
H319	Causes serious eye irritation.

**Additional hints**

This mixture is classified as hazardous according to Regulation (EC) No 1272/2008 [GHS].

**2.2. Label elements**

**Labelling according to Regulation (EC) No 1272/2008 [CLP/GHS]**



GHS07

**Signal word**

Warning

**Hazard statements for health hazards**

H315	Causes skin irritation.
H319	Causes serious eye irritation.

## Precautionary Statements

### Prevention

P280 Wear protective gloves/protective clothing/eye protection/face protection.

### Response

P302 + P352 IF ON SKIN: Wash with plenty of water/... .

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P332 + P313 If skin irritation occurs: Get medical advice/attention.

P337 + P313 If eye irritation persists: Get medical advice/attention.

### Disposal

P501 Dispose of contents/container to local waste disposal company.

### Hazardous ingredients for labeling

2-(2-Dimethylamino)ethoxy)ethanol, sodium silicate solution

### 2.3. Other hazards

#### Results of PBT and vPvB assessment

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

## SECTION 3: Composition/ information on ingredients

### 3.1. Substances

not applicable

### 3.2. Mixtures

#### Hazardous ingredients

CAS No	EC No	Name	[% weight]	Classification according to Regulation (EC) No 1272/2008 [CLP/ GHS]
1344-09-8	215-687-4	Silicic acid, sodium salt (2.6<MR<=3.2)	15 - 35	Skin Irrit. 2, H315 / Eye Irrit. 2, H319 / STOT SE 3, H335
1704-62-7	216-940-1	2-[2-(Dimethylamino)ethoxy]ethanol	< 3	Acute Tox. 4, H312 / Skin Corr. 1B, H314 / Eye Dam. 1, H318
80-70-6	201-302-7	1,1,3,3-Tetramethylguanidine	< 1	Flam. Liq. 3, H226 / Met. Corr. 1, H290 / Acute Tox. 4, H302 / Skin Corr. 1B, H314

### REACH

CAS No	Name	REACH registration number
1344-09-8	Silicic acid, sodium salt (2.6<MR<=3.2)	01-2119448725-31

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

Remove contaminated soaked clothing immediately.

In the event of persistent symptoms receive medical treatment.

#### In case of inhalation

Ensure of fresh air.

In the event of symptoms refer for medical treatment.

**In case of skin contact**

In case of contact with skin wash off immediately with soap and water.  
Consult a doctor if skin irritation persists.

**In case of eye contact**

In case of contact with eyes rinse with plenty of water carefully. In the event of persistent symptoms seek medical treatment.

**In case of ingestion**

If swallowed seek medical advice immediately and show the doctor packing or label.  
Rinse out mouth and give plenty of water to drink.

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

No information available.

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

**Treatment (Advice to doctor)**

Treat symptoms.

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**SECTION 5: Firefighting measures**

**5.1. Extinguishing media**

**Suitable extinguishing media**

Alcohol-resistant foam  
Dry fire-extinguishing substance  
Dry powder  
Carbon dioxide  
Water spray jet

**Unsuitable extinguishing media**

Full water jet

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

No information available.

**5.3. Advice for firefighters**

**Special protective equipment for fire-fighters**

no

**Additional information**

Not combustible under normal conditions.

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**SECTION 6: Accidental release measures**

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

**For non-emergency personnel**

no

**6.2. Environmental precautions**

Do not discharge into the drains/surface waters/groundwater.

**6.3. Methods and material for containment and cleaning up**

Take up with absorbent material (e.g. sand, kieselguhr, acid binder, general-purpose binder, sawdust).

**Additional Information**

Informations for disposal see chapter 13.

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**6.4. Reference to other sections**

No information available.

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**SECTION 7: Handling and storage**

**7.1. Precautions for safe handling**

**Advice on safe handling**

Care for thoroughly room ventilation, if necessary use in well ventilated area with local exhaust ventilation at workplace.

**General protective measures**

Avoid contact with eyes and skin

**Hygiene measures**

At work do not eat, drink and smoke.  
Remove soiled or soaked clothing immediately.  
Keep separated from food and feed.  
Wash hands before breaks and after work.

**Advice on protection against fire and explosion**

No special measures necessary.

**7.2. Conditions for safe storage, including any incompatibilities**

**Requirements for storage rooms and vessels**

Keep only in original container.  
No special measures required.

**Advice on storage compatibility**

no

**Further information on storage conditions**

Keep container tightly closed.  
Protect from frost.  
Keep container in a well-ventilated place  
Storage temperature between 10°C to 30°C (=50°F to 86°F).

**7.3. Specific end use(s)**

No information available.

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**SECTION 8: Exposure controls/personal protection**

**8.1. Control parameters**

No information available.

**8.2. Exposure controls**

**Respiratory protection**

no

**Hand protection**

Synthetic rubber gloves  
PVC gloves

**Eye protection**

tightly fitting goggles

**Other protection measures**

protective clothing

**SECTION 9: Physical and chemical properties**

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

**Appearance**  
liquid

**Colour**  
colourless

**Odour**  
characteristic

**Odour threshold**  
not determined

**Important health, safety and environmental information**

	Value	Temperature	at	Method	Remark
<b>pH value</b>	ca. 11,5	20 °C			
<b>Acid number</b>	not applicable				
<b>boiling range</b>	not determined				
<b>melting range</b>	not determined				
<b>Flash point</b>	not applicable				
<b>Vapourisation rate</b>	not determined				
<b>Flammable (solid)</b>	not applicable				
<b>Flammability (gas)</b>	not applicable				
<b>Ignition temperature</b>	not applicable				
<b>Self ignition temperature</b>	no				
<b>Lower explosion limit</b>	not applicable				
<b>Upper explosion limit</b>	not applicable				
<b>Vapour pressure</b>	not determined				
<b>Relative density</b>	ca. 1,3 g/cm <sup>3</sup>	23 °C		DIN EN ISO 2811-1	
<b>Bulk density</b>	not applicable				
<b>Vapour density</b>	not determined				
<b>Solubility in water</b>					multimiscible
<b>Solubility/other</b>					not determined
<b>Partition coefficient n-octanol/water (log P O/W)</b>	not determined				
<b>Decomposition temperature</b>	not determined				

	Value	Temperature	at	Method	Remark
<b>Viscosity dynamic</b>	ca. 20 mPa*s	23 °C		DIN EN ISO 2555	
<b>Solvent separation test</b>	not applicable				
<b>Solvent content</b>	0 %				
<b>Water content</b>	not determined				
<b>Solids content</b>	not determined				
<b>Combustion value</b>	not applicable				
<b>Oxidising properties</b>	no				
<b>Explosive properties</b>	no				
<b>9.2. Other information</b>	no				

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No information available.

### 10.2. Chemical stability

No information available.

### 10.3. Possibility of hazardous reactions

No information available.

### 10.4. Conditions to avoid

None, if handled according to order.

### 10.5. Incompatible materials

#### Substances to avoid

None, if handled according to order.

### 10.6. Hazardous decomposition products

No dangerous composition products during appropriate storage and handling.

### Thermal decomposition

Remark No decomposition if used as directed.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity/Irritation/Sensitization

	Value/Validation	Species	Method	Remark
<b>LD50 acute oral</b>	> 2000 mg/kg	rat		
<b>LD50 acute dermal</b>	not determined			
<b>LC50 acute inhalation</b>	not determined			
<b>Skin irritation</b>	irritant			
<b>Eye irritation</b>	irritant			
<b>Skin sensitization</b>	non-sensitizing			
<b>Sensitization respiratory system</b>	non-sensitizing			

#### Subacute Toxicity - Carcinogenicity

	Value	Species	Method	Validation
<b>Subacute Toxicity</b>	not determined			
<b>Subchronic Toxicity</b>	not determined			
<b>Chronic Toxicity</b>	not determined			
<b>Mutagenicity</b>	not determined			
<b>Reproduction-Toxicity</b>	not determined			
<b>Carcinogenicity</b>	not determined			

#### Specific target organ toxicity (single exposure)

No data available

#### Specific target organ toxicity (repeated exposure)

No data available

#### Aspiration hazard

No data available

#### Toxicity test (Additional information)

no

**Experiences made from practice**

Irritates eyes and skin.

**Additional information**

The declarations of toxicology refer to main component.

**SECTION 12: Ecological information**

**12.1. Toxicity**

**Ecotoxicological effects**

	Value	Species	Method	Validation
<b>Fish</b>	LC50 > 100 mg/l			
<b>Daphnia</b>	EC50 > 100 mg/l			
<b>Algae</b>	not determined			
<b>Bacteria</b>	EC50 > 100 mg/l			

**12.2. Persistence and degradability**

	Elimination rate	Method of analysis	Method	Validation
<b>Physico-chemical degradability</b>	not determined			
<b>Biological degradability</b>	not determined			
<b>Degradability</b>	not determined			
<b>Biological eliminability</b>	not determined			
<b>Degradability according to WRMG</b>	not determined			

**12.3. Bioaccumulative potential**

No specific test data available. No indications of critical characteristics.

**12.4. Mobility in soil**

No data available

**12.5. Results of PBT and vPvB assessment**

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

**12.6. Other adverse effects**

No data available

**Behaviour in sewage plant**

The product is an alkaline solution. Neutralization is normally necessary before waste water is discharged into sewage treatment plants.

**Respiration inhibition of activated sludge**



	Value	Method	Remark
<b>EC 50</b>	not determined		

**Additional ecological information**

	Value	Method	Remark
<b>OC</b>	not determined		
<b>COD</b>	not determined		
<b>BOD</b>	not determined		
<b>AOX</b>	not determined		

**Contains following heavy metals and compounds of the 76/464/EWG**

no

**General regulation**

Product is not allowed to be discharged into the ground water or aquatic environment.  
Product is not allowed to be discharged into aquatic environment, drains or sewage treatment plants.  
The information to ecology refers to main component.

**SECTION 13: Disposal considerations**

**13.1. Waste treatment methods**

**Waste code No.**

07 01 08\*

**Name of waste**

other still bottoms and reaction residues

Wastes marked with an asterisk are considered to be hazardous waste pursuant to Directive 2008/98/EC on hazardous waste.

**Recommendations for the product**

Remove in accordance with local official regulations.

**Recommendations for packaging**

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.

Packaging that cannot be cleaned should be disposed of like the product.

**SECTION 14: Transport information**

	ADR/RID	IMDG	IATA-DGR
<b>14.1. UN number</b>	-	-	-
<b>14.2. UN proper shipping name</b>	-	-	-
<b>14.3. Transport hazard class(es)</b>	-	-	-
<b>14.4. Packing group</b>	-	-	-

	ADR/RID	IMDG	IATA-DGR
<b>14.5. Environmental hazards</b>	-	-	-
<b>14.6. Special precautions for user</b> No information available.			
<b>14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b> No information available.			
<b>Land and inland navigation transport ADR/RID</b> No dangerous goods as defined by these transport regulations.			
<b>Marine transport IMDG</b> No dangerous goods as defined by these transport regulations.			
<b>Air transport ICAO/IATA-DGR</b> No dangerous goods as defined by these transport regulations.			
<b>Transport/further information</b> No dangerous goods as defined by the transport regulations - ADR/RID, IMDG, ICAO/IATA-DGR.			

## SECTION 15: Regulatory information

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

#### National regulations

#### Other regulations, restrictions and prohibition regulations

ZH 1/129 "Data Sheet: Irritating substances / corrosive substances (M 004)"

**Water hazard class** 1 Mixture-WGK

### 15.2. Chemical Safety Assessment

No information available.

## SECTION 16: Other information

### Recommended uses and restrictions

National and local regulations concerning chemicals shall be observed.

### Further information

The information contained herein is based on the state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.

Indication of changes: "!" = Data changed compared with the previous version. Previous version: 3.9

H226	Flammable liquid and vapour.
H290	May be corrosive to metals.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.