

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

**1.1. Product identifier**

**Name of product** HYDROPOX F 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
Skin Irrit. 2	H315	
Eye Irrit. 2	H319	
Skin Sens. 1	H317	

**Hazard statements for health hazards**

H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
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.  
H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.

**Precautionary Statements**

**Prevention**

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.

**! Response**

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

**Disposal**

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

**Hazardous ingredients for labeling**

Oxirane, mono[(C12-14-alkyloxy)methyl] derivs., Epoxy resin bisphenol F (epichlorhydrin), reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight <= 700)

**Special rules for supplemental label elements for certain mixtures**

Contains epoxy constituents. May produce an allergic reaction.

**2.3. Other hazards**

No information available.

**SECTION 3: Composition/ information on ingredients**

**3.1. Substances**

not applicable

**3.2. Mixtures**

**Description**

resin mixture

**Hazardous ingredients**

CAS No	EC No	Name	[% weight]	Classification according to Regulation (EC) No 1272/2008 [CLP/ GHS]
25068-38-6	500-033-5	reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight <= 700)	< 10	Eye Irrit. 2, H319 / Skin Irrit. 2, H315 / Skin Sens. 1, H317 / Aquatic Chronic 2, H411
68609-97-2	271-846-8	Oxirane, mono[(C12-14-alkyloxy)methyl] derivs.	< 5	Skin Irrit. 2, H315 / Skin Sens. 1, H317
28064-14-4		Epoxy resin bisphenol F (epichlorhydrin)	< 5	Eye Irrit. 2, H319 / Skin Irrit. 2, H315 / Skin Sens. 1, H317 / Aquatic Chronic 2, H411

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

Remove contaminated soaked clothing immediately.  
Take affected person into fresh air.

#### 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

Do not induce vomiting.  
Call for a doctor immediately.  
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

No information available.

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## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

Dry powder  
Carbon dioxide  
Water spray jet

#### Unsuitable extinguishing media

Full water jet

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

In the event of fire the following can be released:  
Carbon monoxide (CO)  
Under certain fire conditions traces of other toxic substances cannot be excluded.

### 5.3. Advice for firefighters

#### Special protective equipment for fire-fighters

no

#### Additional information

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.  
Collect contaminated firefighting water separately, must not be discharged into the drains.

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## **SECTION 6: Accidental release measures**

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

#### **For non-emergency personnel**

Ensure adequate ventilation.

### **6.2. Environmental precautions**

Do not discharge into the drains or bodies of water..

Do not discharge into the subsoil/soil.

### **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).

After taking up the material dispose according to regulation.

#### **Additional Information**

Informations for disposal see chapter 13.

### **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 away from food and drink.

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 unopened original container.

#### **Advice on storage compatibility**

no

#### **Further information on storage conditions**

Protect from heat and direct solar radiation.

### **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**

If ventilation insufficient, wear respiratory protection.

Short term: filter apparatus, filter A

**Hand protection**

Synthetic rubber 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**

pasty

**Colour**

grey

**Odour**

characteristic

**Odour threshold**

not determined

**Important health, safety and environmental information**

	Value	Temperature	at	Method	Remark
<b>pH value</b>	not applicable				
<b>Acid number</b>	not applicable				
<b>boiling range</b>	> 999 °C				
<b>melting range</b>	not determined				
<b>Flash point</b>	> 158 °C				
<b>Vapourisation rate</b>	No data available				
<b>Flammable (solid)</b>	not applicable				
<b>Flammability (gas)</b>	not applicable				
<b>Ignition temperature</b>	> 290 °C				
<b>Self ignition temperature</b>	no				
<b>Lower explosion limit</b>	not applicable				
<b>Upper explosion limit</b>	not applicable				

	Value	Temperature	at	Method	Remark
<b>Vapour pressure</b>	No data available				
<b>Relative density</b>	ca. 1,67 g/cm <sup>3</sup>	23 °C		DIN EN 1015-6	
<b>Bulk density</b>	No data available				
<b>Vapour density</b>	No data available				
<b>Solubility in water</b>					insoluble
<b>Solubility/other</b>				No data available	
<b>Partition coefficient n-octanol/water (log P O/W)</b>	No data available				
<b>Decomposition temperature</b>	No information available.				
<b>Viscosity dynamic</b>	not applicable				
<b>Solvent separation test</b>	No data available				
<b>Solvent content</b>	0 %				
<b>Water content</b>	not determined				
<b>Solids content</b>	No data available				
<b>Combustion value</b>	No data available				
<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 hazardous reactions known.

**10.2. Chemical stability**

No data available

**10.3. Possibility of hazardous reactions**

No hazardous reactions known.

**10.4. Conditions to avoid**

No hazardous reactions known.

**10.5. Incompatible materials**

**Substances to avoid**

No hazardous reactions known.

**10.6. Hazardous decomposition products**

**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>	> 10000 mg/kg	rat		
<b>LD50 acute dermal</b>	No data available			
<b>LC50 acute inhalation</b>	No data available			
<b>Skin irritation</b>	irritant			
<b>Eye irritation</b>	irritant			
<b>Skin sensitization</b>	sensitizing			
<b>Sensitization respiratory system</b>		No data available		

**Subacute Toxicity - Carcinogenicity**

	Value	Species	Method	Validation
<b>Subacute Toxicity</b>	No information available.			
<b>Subchronic Toxicity</b>	No information available.			

	Value	Species	Method	Validation
<b>Chronic Toxicity</b>	No information available.			
<b>Mutagenicity</b>	No information available.			
<b>Reproduction-Toxicity</b>	No information available.			
<b>Carcinogenicity</b>	No information available.			
<b>Specific target organ toxicity (single exposure)</b>	No information available.			
<b>Specific target organ toxicity (repeated exposure)</b>	No information available.			
<b>Aspiration hazard</b>	No information available.			
<b>Toxicity test (Additional information)</b>	No data available			
<b>Experiences made from practice</b>	Allergic reactions possible ( analogy-reasons ). Frequent persistent contact with the skin may cause skin irritation. Irritates mucous membranes.			
<b>Additional information</b>	Toxical dates refer to base substance.			

## SECTION 12: Ecological information

### 12.1. Toxicity

#### Ecotoxicological effects

	Value	Species	Method	Validation
<b>Fish</b>	LC50 3,6 mg/l (96 h)	Leuciscus idus		
<b>Daphnia</b>	EC50 2,8 mg/l (48 h)	Daphnia magna		
<b>Algae</b>	EC50 220 mg/l (96 h)	Scenedesmus subspicatus		
<b>Bacteria</b>	No data available			

### 12.2. Persistence and degradability

	Elimination rate	Method of analysis	Method	Validation
<b>Physico-chemical degradability</b>	No data available			
<b>Biological degradability</b>	Slightly biodegradable			

	Elimination rate	Method of analysis	Method	Validation
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**Degradability** No data available

**Biological eliminability** No data available

**Degradability according to WRMG** No data available

**12.3. Bioaccumulative potential**  
No information available.

**12.4. Mobility in soil**  
No information available.

**12.5. Results of PBT and vPvB assessment**  
No information available.

**12.6. Other adverse effects**  
No data available

**Behaviour in sewage plant**  
No data available

**Respiration inhibition of activated sludge**

	Value	Method	Remark
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**EC 50** No data available

**Additional ecological information**

	Value	Method	Remark
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**OC** No data available

**COD** No data available

**BOD** No data available

**AOX** No data available

**Contains following heavy metals and compounds of the 76/464/EWG**  
no

**General regulation**

Do not allow uncontrolled leakage of product into the environment.  
Product is not allowed to be discharged into aquatic environment.  
The information to ecology refers to active substance.

**SECTION 13: Disposal considerations**

**13.1. Waste treatment methods**

Waste code No.	Name of waste
08 01 11*	waste paint and varnish containing organic solvents or other hazardous substances

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

**Recommendations for the product**

In accordance with regulations for special waste, must be taken to a special waste disposal.

**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
14.1. UN number	-	-	-
14.2. UN proper shipping name	-	-	-
14.3. Transport hazard class(es)	-	-	-
14.4. Packing group	-	-	-
14.5. Environmental hazards	-	-	-

**14.6. Special precautions for user**

No information available.

**14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

No information available.

**Land and inland navigation transport ADR/RID**

No dangerous goods as defined by these transport regulations.

**Marine transport IMDG**

No dangerous goods as defined by these transport regulations.

**Air transport ICAO/IATA-DGR**

No dangerous goods as defined by these transport regulations.

**Transport/further information**

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**

**Water hazard class**                      2            Mixture-WGK

**15.2. Chemical Safety Assessment**

No information available.

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**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: 1.5

- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation.
- H411 Toxic to aquatic life with long lasting effects.