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

1.1. Product identifier

Name of product HYDROPOX FLEX BB HOTBOND

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]

Additional hints

This mixture is not classified as hazardous according to Regulation (EC) 1272/2008 [GHS].

2.2. Label elements

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

No information available.

2.3. Other hazards

Results of PBT and vPvB assessment

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

SECTION 3: Composition/ information on ingredients

3.1. Substances

not applicable

3.2. Mixtures

Additional advice

This product does not contain mandatory reporting substances, included in EU lists or which give rise to particular concerns (SVHC) in concentration $\geq 0.1\%$ (Regulation (EC) No 1907/2006 (REACH), Article 59).

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Remove contaminated clothing immediately and dispose it safely.

In case of inhalation

Remove the casualty into fresh air and keep him immobile.

In case of skin contact

In case of contact with skin wash off 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.

Refer to medical treatment.

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.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Foam

Dry powder

Carbon dioxide

Water spray jet

5.2. Special hazards arising from the substance or mixture

In case of fire formation of dangerous gases possible.

Nitrogen oxides (NO_x)

Carbon monoxide (CO)

Carbon dioxide (CO₂)

Hydrogen cyanide (HCN)

Under certain fire conditions traces of other toxic substances cannot be excluded.

5.3. Advice for firefighters

Special protective equipment for fire-fighters

Use breathing apparatus with independent air supply.

Additional information

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

No special precautions needed.

6.2. Environmental precautions

No information available.

6.3. Methods and material for containment and cleaning up

Take up mechanically and send for disposal.

6.4. Reference to other sections

Disposal: see section 13

Personal protection equipment: see section 8

SECTION 7: Handling and storage

7.1. Precautions for safe handling

No information available.

7.2. Conditions for safe storage, including any incompatibilities

Advice on storage compatibility

Store at a distance of water and iron.

Do not store together with food.

Further information on storage conditions

Store only in original container at cool and aired place.

Storage group 11

7.3. Specific end use(s)

No information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.2. Exposure controls

Respiratory protection

Breathing apparatus in the event of aerosol or mist formation.

Eye protection

Face shield

Other protection measures

protective clothing

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance
granules

Colour
clear

Odour
odourless

Odour threshold
not determined

Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
pH value	not determined				
Boiling temperature / boiling range	not determined				
softening temperature	> 120 °C				
Flash point	> 220 °C				
Vapourisation rate	not determined				
Flammable (solid)	not determined				
Flammability (gas)	not determined				
Ignition temperature	> 400 °C				
Self ignition temperature	not determined				
Lower explosion limit	not determined				
Upper explosion limit	not determined				
Vapour pressure	not determined				
Relative density	1,1 - 1,2 g/cm ³	20 °C			
Bulk density	400 - 600 kg/m ³				20°C
Vapour density	not determined				
Solubility in water					insoluble
Solubility/other	not determined				
Partition coefficient n-octanol/water (log P O/W)	not determined				
Decomposition temperature	> 230 °C				
Viscosity	not determined				

Oxidising properties
No information available.

Explosive properties

No information available.

9.2. Other information

No information available.

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

No information available.

10.5. Incompatible materials

No information available.

10.6. Hazardous decomposition products

Hydrogen cyanide (hydrocyanic acid)

Nitrogen oxides (NO_x)

Carbon monoxide and carbon dioxide.

Toxic gases/vapours

No dangerous composition products during appropriate storage and handling.

Thermal decomposition

Remark No decomposition below 230°C.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity/Irritation/Sensitization

	Value/Validation	Species	Method	Remark
LD50 acute oral	> 5000 mg/kg	rat		
Skin irritation	non-irritant			
Eye irritation	non-irritant			
Skin sensitization	non-sensitizing			
Sensitization respiratory system	non-sensitizing			

Specific target organ toxicity (single exposure)

No indications of critical properties.

Specific target organ toxicity (repeated exposure)

No indications of critical properties.

Aspiration hazard

No indications of critical properties.

SECTION 12: Ecological information

12.1. Toxicity

No information available.

12.2. Persistence and degradability

Elimination rate	Method of analysis	Method	Validation
Biological degradability			Slightly biodegradable
Degradability			not readily degradable
Biological eliminability			Slightly eliminable from water

12.3. Bioaccumulative potential

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

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

12.6. Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste code No.	Name of waste
07 02 13	waste plastic

Recommendations for the product

Can be disposed of together with household refuse in accordance with the regulations and on consultation with the disposal agency and the relevant authorities.

Recommendations for packaging

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

SECTION 14: Transport information

	ADR/RID	IMDG	IATA-DGR
14.1. UN number	-	-	-

	ADR/RID	IMDG	IATA-DGR
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 nwh - not water hazardous

15.2. Chemical Safety Assessment

For this substance a chemical safety assessment is not required.

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.