

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

## SCHÖNOX® EP DRAIN Part A



Revision Date: 13.03.2025  
Date of last issue: 14.07.2023

Version 3.0

Print Date 18.12.2025

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

#### 1.1 Product identifier

Trade name : SCHÖNOX® EP DRAIN Part A

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

Product use : Epoxy coating

#### 1.3 Details of the supplier of the safety data sheet

Company name of supplier : Sika Deutschland CH AG & Co KG  
Kornwestheimer Str. 103-107  
D-70439 Stuttgart  
Telephone : +49 711 8009 0  
E-mail address of person responsible for the SDS : RPC@de.sika.com

#### 1.4 Emergency telephone number

Emergency CONTACT (24-Hour-Number):  
GBK GmbH Global Regulatory Compliance +49(0)6132-84463

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

##### Classification (REGULATION (EC) No 1272/2008)

|                                                |                                                        |
|------------------------------------------------|--------------------------------------------------------|
| Skin irritation, Category 2                    | H315: Causes skin irritation.                          |
| Eye irritation, Category 2                     | H319: Causes serious eye irritation.                   |
| Skin sensitisation, Category 1                 | H317: May cause an allergic skin reaction.             |
| Long-term (chronic) aquatic hazard, Category 2 | H411: Toxic to aquatic life with long lasting effects. |

#### 2.2 Label elements

##### Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms :



Signal word : Warning

|                   |      |                                                  |
|-------------------|------|--------------------------------------------------|
| Hazard statements | 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. |

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|                          |   |                                                                               |
|--------------------------|---|-------------------------------------------------------------------------------|
| Precautionary statements | : | <b>Prevention:</b>                                                            |
|                          |   | P261 Avoid breathing mist or vapours.                                         |
|                          |   | P264 Wash skin thoroughly after handling.                                     |
|                          |   | P273 Avoid release to the environment.                                        |
|                          |   | P280 Wear protective gloves/ eye protection/ face protection.                 |
|                          |   | <b>Response:</b>                                                              |
|                          |   | P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention. |
|                          |   | P391 Collect spillage.                                                        |

### Hazardous components which must be listed on the label:

bis-[4-(2,3-epoxipropoxy)phenyl]propane

reaction product: bisphenol F-(epichlorhydrin) epoxy resin (number average molecular weight  $\leq 700$ )

p-tert-butylphenyl 1-(2,3-epoxy)propyl ether

### 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

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### SECTION 3: Composition/information on ingredients

#### 3.2 Mixtures

##### Components

| Chemical name                                                                                      | CAS-No.<br>EC-No.<br>Registration number        | Classification                                                                                                                                                                                                                    | Concentration<br>(% w/w) |
|----------------------------------------------------------------------------------------------------|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| bis-[4-(2,3-epoxipropoxy)phenyl]propane                                                            | 1675-54-3<br>216-823-5<br>01-2119456619-26-XXXX | Skin Irrit. 2; H315<br>Eye Irrit. 2; H319<br>Skin Sens. 1; H317<br>Aquatic Chronic 2; H411<br><br>specific concentration limit<br>Eye Irrit. 2; H319<br>≥ 5 %<br><br>specific concentration limit<br>Skin Irrit. 2; H315<br>≥ 5 % | ≥ 40 - < 60              |
| reaction product: bisphenol F-(epichlorhydrin) epoxy resin (number average molecular weight ≤ 700) | 9003-36-5<br>500-006-8<br>01-2119454392-40-XXXX | Skin Irrit. 2; H315<br>Skin Sens. 1; H317<br>Aquatic Chronic 2; H411                                                                                                                                                              | ≥ 25 - < 40              |
| p-tert-butylphenyl 1-(2,3-epoxy)propyl ether                                                       | 3101-60-8<br>221-453-2<br>01-2119959496-20-XXXX | Skin Sens. 1; H317<br>Aquatic Chronic 2; H411                                                                                                                                                                                     | ≥ 10 - < 20              |

For explanation of abbreviations see section 16.

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

- General advice : Move out of dangerous area.  
Consult a physician.  
Show this safety data sheet to the doctor in attendance.
- If inhaled : Move to fresh air.  
Consult a physician after significant exposure.
- In case of skin contact : Take off contaminated clothing and shoes immediately.  
Wash off with soap and plenty of water.  
If symptoms persist, call a physician.

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- In case of eye contact : Immediately flush eye(s) with plenty of water.  
Remove contact lenses.  
Keep eye wide open while rinsing.  
If eye irritation persists, consult a specialist.
- If swallowed : Do not induce vomiting without medical advice.  
Rinse mouth with water.  
Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.

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

- Symptoms : Allergic reactions  
Excessive lachrymation  
Erythema  
Dermatitis  
See Section 11 for more detailed information on health effects and symptoms.
- Risks : irritant effects  
sensitising effects
- Causes skin irritation.  
May cause an allergic skin reaction.  
Causes serious eye irritation.

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

- Treatment : Treat symptomatically.

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## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

- Suitable extinguishing media : In case of fire, use water/water spray/water jet/carbon dioxide/sand/foam/alcohol resistant foam/chemical powder for extinction.

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

- Specific hazards during fire-fighting : Do not allow run-off from fire fighting to enter drains or water courses.
- Hazardous combustion products : No hazardous combustion products are known

### 5.3 Advice for firefighters

- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

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Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.  
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

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### SECTION 6: Accidental release measures

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

Personal precautions : Use personal protective equipment.  
Deny access to unprotected persons.

#### 6.2 Environmental precautions

Environmental precautions : Do not flush into surface water or sanitary sewer system.  
If the product contaminates rivers and lakes or drains inform respective authorities.

#### 6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).  
Keep in suitable, closed containers for disposal.

#### 6.4 Reference to other sections

For personal protection see section 8.

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### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

Advice on safe handling : Avoid exceeding the given occupational exposure limits (see section 8).  
Do not get in eyes, on skin, or on clothing.  
For personal protection see section 8.  
Persons with a history of skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.  
Smoking, eating and drinking should be prohibited in the application area.  
Follow standard hygiene measures when handling chemical products

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.

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### 7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully re-sealed and kept upright to prevent leakage. Store in accordance with local regulations.

Storage class (TRGS 510) : 10

Further information on storage stability : No decomposition if stored and applied as directed.

### 7.3 Specific end use(s)

Specific use(s) : Consult most current local Product Data Sheet prior to any use.

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## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational Exposure Limits

Contains no substances with occupational exposure limit values.

### 8.2 Exposure controls

#### Engineering measures

Maintain air concentrations below occupational exposure standards.  
Ensure adequate ventilation, especially in confined areas.

#### Personal protective equipment

Eye/face protection : Safety glasses with side-shields conforming to EN166  
Eye wash bottle with pure water

Hand protection : Chemical-resistant, impervious gloves complying with an approved standard must be worn at all times when handling chemical products. Reference number EN 374. Follow manufacturer specifications.  
Suitable for short time use or protection against splashes:  
Butyl rubber/nitrile rubber gloves (> 0,1 mm)  
Contaminated gloves should be removed.  
Suitable for permanent exposure:  
Viton gloves (0.4 mm),  
breakthrough time >30 min.

Skin and body protection : Protective clothing (e.g. Safety shoes acc. to EN ISO 20345, long-sleeved working clothing, long trousers). Rubber aprons and protective boots are additionally recommended for mixing and stirring work.

Respiratory protection : No special measures required.

#### Environmental exposure controls

General advice : Do not flush into surface water or sanitary sewer system.  
If the product contaminates rivers and lakes or drains inform respective authorities.

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### SECTION 9: Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties

Physical state : liquid  
Colour : yellow  
Odour : characteristic

Melting point/ range / Freezing point : No data available

Boiling point/boiling range : > 200 °C

Flammability (solid, gas) : No data available

#### Upper/lower flammability or explosive limits

Upper explosion limit / Upper flammability limit : No data available

Lower explosion limit / Lower flammability limit : No data available

Flash point : > 150 °C  
Method: DIN 51758

Auto-ignition temperature : No data available

Decomposition temperature : No data available

pH : not determined  
substance/mixture is non-polar/aprotic

#### Viscosity

Viscosity, kinematic : > 20,5 mm<sup>2</sup>/s (40 °C)

#### Solubility(ies)

Water solubility : insoluble

Partition coefficient: n-octanol/water : No data available

Vapour pressure : 0,01 hPa

Density : ca. 1,1 g/cm<sup>3</sup> (20 °C)

Relative vapour density : No data available

Particle characteristics : No data available

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### 9.2 Other information

No data available

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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No dangerous reaction known under conditions of normal use.

### 10.2 Chemical stability

The product is chemically stable.

### 10.3 Possibility of hazardous reactions

Hazardous reactions : Stable under recommended storage conditions.

### 10.4 Conditions to avoid

Conditions to avoid : No data available

### 10.5 Incompatible materials

Materials to avoid : No data available

### 10.6 Hazardous decomposition products

:  
No hazardous decomposition products are known.

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## SECTION 11: Toxicological information

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Acute toxicity

Not classified due to lack of data.

#### Components:

##### bis-[4-(2,3-epoxipropoxy)phenyl]propane:

Acute oral toxicity : LD50 Oral (Rat): > 5.000 mg/kg

Acute dermal toxicity : LD50 Dermal (Rabbit): > 5.000 mg/kg

##### p-tert-butylphenyl 1-(2,3-epoxy)propyl ether:

Acute oral toxicity : LD50 Oral (Rat): > 5.000 mg/kg

Acute inhalation toxicity : LC50 (Rat): 3.466 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist



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Acute dermal toxicity : LD50 Dermal (Rabbit): 6.000 mg/kg

### **Skin corrosion/irritation**

Causes skin irritation.

### **Serious eye damage/eye irritation**

Causes serious eye irritation.

### **Respiratory or skin sensitisation**

#### **Skin sensitisation**

May cause an allergic skin reaction.

#### **Respiratory sensitisation**

Not classified due to lack of data.

#### **Germ cell mutagenicity**

Not classified due to lack of data.

#### **Carcinogenicity**

Not classified due to lack of data.

#### **Reproductive toxicity**

Not classified due to lack of data.

#### **STOT - single exposure**

Not classified due to lack of data.

#### **STOT - repeated exposure**

Not classified due to lack of data.

#### **Aspiration toxicity**

Not classified due to lack of data.

## **11.2 Information on other hazards**

### **Endocrine disrupting properties**

#### **Product:**

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

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## **SECTION 12: Ecological information**

### **12.1 Toxicity**

#### **Components:**

bis-[4-(2,3-epoxipropoxy)phenyl]propane:

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Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): 2 mg/l  
Exposure time: 96 h

Toxicity to daphnia and other : EC50 (Daphnia magna (Water flea)): 1,8 mg/l  
aquatic invertebrates Exposure time: 48 h

### 12.2 Persistence and degradability

No data available

### 12.3 Bioaccumulative potential

No data available

### 12.4 Mobility in soil

No data available

### 12.5 Results of PBT and vPvB assessment

#### Product:

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher..

### 12.6 Endocrine disrupting properties

#### Product:

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

### 12.7 Other adverse effects

#### Product:

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.  
Toxic to aquatic life with long lasting effects.

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## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Product : In accordance with the EWC Waste Regulation the classification of waste is to be assigned to the jurisdiction of the origin of waste. Therefore, it is not possible to assign a particular waste identification number.  
Completely emptied packagings may be given for recycling.  
Empty packaging may still contain hazardous residues. Empty packaging should be removed by a licensed waste contractor.

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Sika has agreed disposal contracts for all packaging which is brought into circulation in Germany.  
For further details see [www.sika.de](http://www.sika.de)

### SECTION 14: Transport information

#### 14.1 UN number or ID number

|      |   |         |
|------|---|---------|
| ADR  | : | UN 3082 |
| IMDG | : | UN 3082 |
| IATA | : | UN 3082 |

#### 14.2 UN proper shipping name

|      |   |                                                                                                                      |
|------|---|----------------------------------------------------------------------------------------------------------------------|
| ADR  | : | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.<br>(epoxy resin, oxirane, mono[(C12-14-alkyloxy)methyl] derivs.) |
| IMDG | : | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.<br>(epoxy resin, oxirane, mono[(C12-14-alkyloxy)methyl] derivs.) |
| IATA | : | Environmentally hazardous substance, liquid, n.o.s.<br>(epoxy resin, oxirane, mono[(C12-14-alkyloxy)methyl] derivs.) |

#### 14.3 Transport hazard class(es)

|      | Class | Subsidiary risks |
|------|-------|------------------|
| ADR  | :     | 9                |
| IMDG | :     | 9                |
| IATA | :     | 9                |

#### 14.4 Packing group

|                                      |            |
|--------------------------------------|------------|
| <b>ADR</b>                           |            |
| Packing group                        | : III      |
| Classification Code                  | : M6       |
| Hazard Identification Number         | : 90       |
| Labels                               | : 9        |
| Tunnel restriction code              | : (-)      |
| <b>IMDG</b>                          |            |
| Packing group                        | : III      |
| Labels                               | : 9        |
| EmS Code                             | : F-A, S-F |
| <b>IATA (Cargo)</b>                  |            |
| Packing instruction (cargo aircraft) | : 964      |
| Packing instruction (LQ)             | : Y964     |
| Packing group                        | : III      |

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Labels : Miscellaneous

### IATA (Passenger)

Packing instruction (passenger aircraft) : 964

Packing instruction (LQ) : Y964

Packing group : III

Labels : Miscellaneous

### 14.5 Environmental hazards

#### ADR

Environmentally hazardous : yes

#### IMDG

Marine pollutant : yes

### IATA (Passenger)

Environmentally hazardous : yes

### IATA (Cargo)

Environmentally hazardous : yes

### 14.6 Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

### 14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

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## SECTION 15: Regulatory information

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

International Chemical Weapons Convention (CWC) : Not applicable  
Schedules of Toxic Chemicals and Precursors

REACH Information: All substances contained in our Products are  
- registered by our upstream suppliers, and/or  
- registered by us, and/or  
- excluded from the regulation, and/or  
- exempted from the registration.

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII) : Conditions of restriction for the following entries should be considered:  
Number on list 3

Number on list 75

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59). : None of the components are listed  
(=> 0.1 %).

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REACH - List of substances subject to authorisation : Not applicable  
(Annex XIV)

Regulation (EU) No 2024/590 on substances that deplete the ozone layer : Not applicable

Regulation (EU) 2019/1021 on persistent organic pollutants (recast) : Not applicable

Regulation (EU) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals : Not applicable

Water hazard class (Germany) : WGK 2 obviously hazardous to water  
Classification according to AwSV, Annex 1 (5.2)

Volatile organic compounds : Law on the incentive tax for volatile organic compounds (VOCV)  
no VOC duties

Directive 2010/75/EU of 24 November 2010 on industrial and livestock rearing emissions (integrated pollution prevention and control)  
Not applicable

GISCODE : RE30

### Other regulations:

Product is no subject to the Chemicals Prohibition Ordinance.

### 15.2 Chemical safety assessment

No Chemical Safety Assessment has been carried out for this mixture by the supplier.

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## SECTION 16: Other information

### Full text of H-Statements

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.

### Full text of other abbreviations

Aquatic Chronic : Long-term (chronic) aquatic hazard  
Eye Irrit. : Eye irritation  
Skin Irrit. : Skin irritation  
Skin Sens. : Skin sensitisation

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|        |   |                                                                                                                                                                                                                                      |
|--------|---|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ADR    | : | European Agreement concerning the International Carriage of Dangerous Goods by Road                                                                                                                                                  |
| CAS    | : | Chemical Abstracts Service                                                                                                                                                                                                           |
| DNEL   | : | Derived no-effect level                                                                                                                                                                                                              |
| EC50   | : | Half maximal effective concentration                                                                                                                                                                                                 |
| GHS    | : | Globally Harmonized System                                                                                                                                                                                                           |
| IATA   | : | International Air Transport Association                                                                                                                                                                                              |
| IMDG   | : | International Maritime Code for Dangerous Goods                                                                                                                                                                                      |
| LD50   | : | Median lethal dosis (the amount of a material, given all at once, which causes the death of 50% (one half) of a group of test animals)                                                                                               |
| LC50   | : | Median lethal concentration (concentrations of the chemical in air that kills 50% of the test animals during the observation period)                                                                                                 |
| MARPOL | : | International Convention for the Prevention of Pollution from Ships, 1973 as modified by the Protocol of 1978                                                                                                                        |
| OEL    | : | Occupational Exposure Limit                                                                                                                                                                                                          |
| PBT    | : | Persistent, bioaccumulative and toxic                                                                                                                                                                                                |
| PNEC   | : | Predicted no effect concentration                                                                                                                                                                                                    |
| REACH  | : | Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency |
| SVHC   | : | Substances of Very High Concern                                                                                                                                                                                                      |
| vPvB   | : | Very persistent and very bioaccumulative                                                                                                                                                                                             |

### Further information

#### Classification of the mixture:

|                   |      |
|-------------------|------|
| Skin Irrit. 2     | H315 |
| Eye Irrit. 2      | H319 |
| Skin Sens. 1      | H317 |
| Aquatic Chronic 2 | H411 |

#### Classification procedure:

|                    |
|--------------------|
| Calculation method |
| Calculation method |
| Calculation method |
| Calculation method |

The information contained in this Safety Data Sheet corresponds to our level of knowledge at the time of publication. All warranties are excluded. Our most current General Sales Conditions shall apply. Please consult the product data sheet prior to any use and processing.

Changes as compared to previous version !

DE / EN