SikaGrout®-928



Revision Date: 26.07.2024 Date of last issue: - Version 1.0

Print Date 09.08.2024

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

1.1 Product identifier

Trade name

: SikaGrout[®]-928

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

Product use : Cement / Mortar

1.3 Details of the supplier of the safety data sheet

Company name of supplier	: Sika Poland Spółka z o.o.
	Karczunkowska 89
	02-871 Warszawa
Telephone	: +48 22 27 28 700
Telefax	: +48 22 27 28 800
E-mail address of person	: EHS@pl.sika.com
responsible for the SDS	

1.4 Emergency telephone number

112

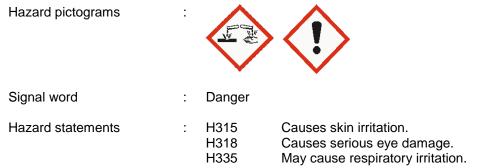
SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)				
Skin irritation, Category 2	H315: Causes skin irritation.			
Serious eye damage, Category 1	H318: Causes serious eye damage.			
Specific target organ toxicity - single exposure, Category 3, Respiratory system	H335: May cause respiratory irritation.			

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)



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

SikaGrout[®]-928



Revision Date: 26.07.2024 Version 1.0 Print Date 09.08.2024 Date of last issue: -If medical advice is needed, have product P101 Precautionary statements : container or label at hand. Keep out of reach of children. P102 **Prevention:** P271 Use only outdoors or in a well-ventilated area. P280 Wear protective gloves/ eye protection/ face protection. **Response:** P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/ doctor. Disposal: P501 Dispose of contents/container in accordance with local regulation.

Hazardous components which must be listed on the label:

Cement (chromium reduced)

2.3 Other hazards

The content of soluble Chromium (VI) is not greater than 0,0002% in accordance with Annex XVII, Paragraph 47 of the EU Regulation 1907/2006. The product reacts highly alkaline with water.

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.

SikaGrout[®]-928



Revision Date: 26.07.2024 Date of last issue: - Version 1.0

Print Date 09.08.2024

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Components

oomponento			
Chemical name	CAS-No.	Classification	Concentration
	EC-No.		(% w/w)
	Registration number		
Cement (chromium reduced)	65997-15-1	Skin Irrit. 2; H315	>= 25 - < 40
	266-043-4	Eye Dam. 1; H318	
		STOT SE 3; H335	
		(Respiratory system)	
calcium oxide	1305-78-8	Skin Irrit. 2; H315	>= 2,5 - < 3
	215-138-9	Eye Dam. 1; H318	
	01-2119475325-36-	STOT SE 3; H335	
	XXXX		
Substances with a workplace expos	sure limit :		
Quartz (SiO2)	14808-60-7		>= 60 - < 80
	238-878-4		

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.
In case of eye contact	:	Small amounts splashed into eyes can cause irreversible tis- sue damage and blindness. In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Continue rinsing eyes during transport to hospital. Remove contact lenses. Keep eye wide open while rinsing.
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.

SikaGrout[®]-928



Revision Date: 26.07.2024Version 1.0Print Date 09.08.2024Date of last issue: -

4.2 Most important symptoms and effects, both acute and delayed

Symptoms	 Cough Respiratory disorder Excessive lachrymation Erythema Dermatitis See Section 11 for more detailed information on health effects and symptoms.
Risks	 Causes skin irritation. Causes serious eye damage. May cause respiratory irritation. irritant effects
4.3 Indication of any imme Treatment	diate medical attention and special treatment needed : Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media Suitable extinguishing media :	:	In case of fire, use water/water spray/water jet/carbon diox- ide/sand/foam/alcohol resistant foam/chemical powder for extinction.
5.2 Special hazards arising from th		
Hazardous combustion prod- : ucts		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.
Further information :		Standard procedure for chemical fires.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures				
Personal precautions :	Use personal protective equipment. Avoid breathing dust. Deny access to unprotected persons.			
6.2 Environmental precautions				
Environmental precautions :	Try to prevent the material from entering drains or water courses.			

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

SikaGrout[®]-928



Revision Date: 26.07.2024	Version 1.0	Print Date 09.08.2024
Date of last issue: -		

No special environmental precautions required.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up

: Pick up and arrange disposal without creating dust. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For personal protection see section 8.

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. Smoking, eating and drinking should be prohibited in the application area. Follow standard hygiene measures when handling chemical products Advice on protection against : Avoid dust formation. Provide appropriate exhaust ventilation fire and explosion at places where dust is formed. 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. 7.2 Conditions for safe storage, including any incompatibilities Requirements for storage Keep container tightly closed in a dry and well-ventilated areas and containers place. Store in accordance with local regulations. Further information on stor-: Keep in a dry place. age 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.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

Components	CAS-No.	Value type (Form	Control parame-	Basis *
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according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878



SikaGrout®-928

Revision Date: 26.07.2024 Date of last issue: - Version 1.0

Print Date 09.08.2024

		of exposure)	ters *	
Quartz (SiO2)	14808-60-7	NDS (respirable fraction)	1 mg/m3	PL OEL
	Further inform	ation: Respirable fra	action - the fractio	n of aerosol
		s into the respiratory		
	the health of the	ne deposit in the are	a of gas exchang	e, determined
		with standard PN-E		,
		NDS (inhalable fraction)	2 mg/m3	PL OEL
	Further inform	ation: Inhalable frac	tion - the fraction	of aerosol
	penetrating the	rough the nose and	mouth, which afte	er deposit in
	the respiratory	r tract poses a threa	t to health, determ	nined in ac-
	cordance with	standard PN-EN 48	81.	
		NDS (respirable fraction)	0,1 mg/m3 (Silica)	PL OEL
Cement (chromium reduced)	65997-15-1	NDS (inhalable fraction)	6 mg/m3	PL OEL
		NDS (respirable fraction)	2 mg/m3	PL OEL
calcium oxide	1305-78-8	TWA (Respirable fraction)	1 mg/m3	2017/164/EU
	Further inform	ation: Indicative	•	
		STEL (Respirable fraction)	4 mg/m3	2017/164/EU
		NDS (inhalable fraction)	2 mg/m3	PL OEL
		NDS (respirable fraction)	1 mg/m3	PL OEL
		NDSch (inhalable fraction)	6 mg/m3	PL OEL
		NDSch (respirable fraction)	4 mg/m3	PL OEL

*The above mentioned values are in accordance with the legislation in effect at the date of the release of this safety data sheet.

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.
	Recommended: Butyl rubber/nitrile rubber gloves. Contaminated gloves should be removed.

SikaGrout[®]-928



Revision Date: 26.07.2024 Date of last issue: -	Version 1.0	Print Date 09.08.2024
Skin and body protection	: Dust impervious protective suit Protective clothing (e.g. Safety shoes long-sleeved working clothing, long t and protective boots are additionally and stirring work.	rousers). Rubber aprons
Respiratory protection	 In case of inadequate ventilation weak Respirator selection must be based of exposure levels, the hazards of the pring limits of the selected respirator. particulate filter P P1: Inert material; P2, P3: hazardous Ensure adequate ventilation. This car exhaust extraction or by general very ods for determining inhalation expositicular to the mixing / stirring area. In to keep the concentrations under the limits then respiration protection mean 	on known or anticipated product and the safe work- s substances in be achieved by local tilation. (EN 689 - Meth- ure). This applies in par- case this is not sufficent e occupational exposure
Environmental exposure co	itrols	
General advice	 Try to prevent the material from ente courses. No special environmental precaution 	-

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

information on basic physica	i an	a chemical properti		
Physical state	:	solid		
Appearance	:	powder		
Colour	:	dark grey		
Odour	:	odourless		
Melting point/ range / Freez- ing point	:	No data available		
Boiling point/boiling range	:	No data available		
Flammability (solid, gas)	:	No data available		
Upper/lower flammability or explosive limits				
Upper explosion limit / Up- per flammability limit	-			
Lower explosion limit /	:	No data available		

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

SikaGrout[®]-928



Revision Date: 26.07.2024 Date of last issue: -	Version 1.0	Print Date 09.08.2024
Lower flammability limit		
Flash point	: Not applicable	
Auto-ignition temperature	: No data available	
Decomposition temperature	: No data available	
рН	: > 11 Concentration: 50 %	
Viscosity Viscosity, kinematic	: Not applicable	
Solubility(ies) Water solubility	: No data available	
Partition coefficient: n- octanol/water	: No data available	
Vapour pressure	: No data available	
Density	: ca. 1.500 kg/m3 (20 °C)	
Bulk density	: ca. 1,500 kg/m3 (20 °C)	
Relative vapour density	: No data available	
Particle characteristics	: No data available	

9.2 Other information

No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

No dangerous reaction known under conditions of normal use.

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

SikaGrout®-928



Revision Date: 26.07.2024	Version 1.0	Print Date 09.08.2024
Date of last issue: -		
40.2 Chemical stability		
10.2 Chemical stability		
The product is chemically stab	le.	
10.3 Possibility of hazardous rea	ctions	
Hazardous reactions	: No hazards to be specially mentioned.	
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 ar	re known.

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.

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/eye irritation

Causes serious eye damage.

Respiratory or skin sensitisation

Skin sensitisation

Not classified due to lack of data.

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

May cause respiratory irritation.

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

SikaGrout®-928



Revision Date: 26.07.2024 Date of last issue: - Version 1.0

Print Date 09.08.2024

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.

SECTION 12: Ecological information

12.1 Toxicity

No data available

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.

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

SikaGrout[®]-928



Revision Date: 26.07.2024	Version 1.0	Print Date 09.08.2024
Date of last issue: -		

12.7 Other adverse effects

Product:

Additional ecological infor- : There is no data available for this product. mation

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product	:	The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
European Waste Catalogue	:	15 01 10* packaging containing residues of or contaminated by dangerous substances
Contaminated packaging	:	15 01 10 [S] packaging containing residues of or contaminat- ed by dangerous substances
		15 01 10* packaging containing residues of or contaminated by dangerous substances

SECTION 14: Transport information

14.1 UN number or ID number ADR : Not regulated as a dangerous good IMDG : Not regulated as a dangerous good

	•	Not rogalatou do a daligorodo good
ΙΑΤΑ	:	Not regulated as a dangerous good
14.2 UN proper shipping name		
ADR	:	Not regulated as a dangerous good
IMDG	:	Not regulated as a dangerous good
ΙΑΤΑ	:	Not regulated as a dangerous good
14.3 Transport hazard class(es)		

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

SikaGrout®-928



ADR IMDG IATA 4.4 Packing group	: Not regulated as a dang		
ΙΑΤΑ	5	gerous good	
	: Not regulated as a dang	5 0	
4.4 Packing group	: Not regulated as a dang		
···· · · · · · · · · · · · · · · · · ·	-		
ADR	: Not regulated as a dang	gerous good	
IMDG	: Not regulated as a dang	gerous good	
IATA (Cargo)	: Not regulated as a dang	gerous good	
IATA (Passenger)	: Not regulated as a dang	gerous good	
4.5 Environmental hazards Not regulated as a dangerous	good		
4.6 Special precautions for use Not applicable	r		
5.1 Safety, health and environm International Chemical Weapo Schedules of Toxic Chemicals	ons Convention (CWC)	on specific for the sub : Not applicable	stance or mixture
	s and Precursors		
REACH Information:	All substances containe - registered by our upst - registered by us, and/ - excluded from the reg - exempted from the reg	ream suppliers, and/or or ulation, and/or	
REACH Information: REACH - Restrictions on the the market and use of certain mixtures and articles (Annex 2	All substances containe - registered by our upst - registered by us, and/ - excluded from the reg - exempted from the reg manufacture, placing on dangerous substances,	ream suppliers, and/or or ulation, and/or	
REACH - Restrictions on the the market and use of certain	All substances containe - registered by our upst - registered by us, and/ - excluded from the reg - exempted from the reg manufacture, placing on dangerous substances, XVII) ubstances of Very High	ream suppliers, and/or or ulation, and/or gistration. : Conditions of restric lowing entries should	d be considered:

: Not applicable

layer

Regulation (EC) on substances that deplete the ozone

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

SikaGrout[®]-928



 Revision Date: 26.07.2024
 Version 1.0
 Print Date 09.08.2024

 Date of last issue:

Regulation (EU) 2019/1021 on persistent organic pollu- tants (recast)	:	Not applicable
Regulation (EU) No 649/2012 of the European Parlia- ment and the Council concerning the export and import of dangerous chemicals	:	Not applicable

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances. Not applicable

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

Other regulations:

Act of February 25, 2011 on chemical substances and their mixtures (i.e. Journal of Laws of 2020, item 2289)

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (Official Journal of the European Union L 353 from 31.12.2008) with further adaptation to technical progress (ATP).

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, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC (Official Journal of the European Union L 396 from 30.12.2006, as amended).

Commission Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

Ordinance of the Minister of Family, Labour and Social Policy of 12 June 2018 concerning the highest allowable concentrations and levels of the agents harmful for health in the workplace (Dz.U 2018 pos 1286, with later amendments).

Ordinance of the Minister of Health of 2nd February 2011 concerning tests and measurement of agents harmful for health in the workplace (Dz. U. Nr. 33, item 166 with later amendments).

Ordinance of the Minister of Health of 30th December 2004 on the health and safety of workers related to chemical agents at work (consolidated text, Journal of Laws 2016 no. 0 item 1488)

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

SikaGrout[®]-928



Revision Date: 26.07.2024 Date of last issue: - Version 1.0

Print Date 09.08.2024

Act of 14 December 2012. on Waste (Journal of Laws of 2013. pos. 21, as amended).

Act of 13 June 2013. On packaging and packaging waste (Journal. U. of 2013. Item. 888, as amended).

Ordinance of the Minister of Climate of 2nd January 2020 on Waste Catalog (Dz. U. 2020 item 10).

Ordinance of the Minister of Environment on the requirements for carrying out the process of thermal treatment of waste and how to deal with waste produced in the process. (Dz. U. of 2016., Pos. 108)

Act of 19 August 2011 on transport of dangerous goods (Dz. U. Nr. 227, item 1367, as amended).

Government Statement of February 15, 2021 on the entry into force of amendments to Annexes A and B to Agreement concerning the International Carriage of Dangerous Goods by Road (ADR), drawn up in Geneva on September 30, 1957 (Journal of Laws 202 poz.874 as amended)

Act of July 29, 2005 on drug addiction prevention (Journal of Laws of 2005, No. 179, item 1485, with later amendments)

Regulation (EU) 2016/425 of the European Parliament and of the Council of 9 March 2016 on personal protective equipment and repealing Council Directive 89/686/EEC

15.2 Chemical safety assessment

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

SECTION 16: Other information

Full text of H-Statements		
H315 H318 H335	Causes skin irritation. Causes serious eye damage. May cause respiratory irritation.	
Full text of other abbreviation		
Eye Dam. Skin Irrit. STOT SE 2017/164/EU	Serious eye damage Skin irritation Specific target organ toxicity - single exposure Europe. Commission Directive 2017/164/EU establishing	а
PLOEL	fourth list of indicative occupational exposure limit values Ordinance of the Minister of Family, Labour and Social Po of 12 June 2018 concerning the highest allowable concer	olicy htra-
2017/164/EU / STEL 2017/164/EU / TWA	tions and levels of the agents harmful for health in the wo place (Dz.U 2018 pos 1286, with later amendments) Short term exposure limit Limit Value - eight hours	rk-

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

SikaGrout[®]-928



Revision Date: 26.07.2024 Version 1.0 Print Date 09.08.2024 Date of last issue: -PL OEL / NDS Maximal Admissible Concentration : Maximal Admissible Temporary Concentration PL OEL / NDSch European Agreement concerning the International Carriage of ADR 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 International Maritime Code for Dangerous Goods IMDG 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 **Occupational Exposure Limit** OEL Persistent, bioaccumulative and toxic PBT PNEC Predicted no effect concentration Regulation (EC) No 1907/2006 of the European Parliament REACH 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:	Classification procedure:
Skin Irrit. 2	H315	Calculation method
Eye Dam. 1	H318	Calculation method
STOT SE 3	H335	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 !

PL / EN