SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) as amended

TOP GASKET

Creation date	11th August 2023		
Revision date		Version	2.1

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

1.1. Product identifier — TOP GASKET

Substance / mixture	mixture
Number	1 05.0002
UFI	JCYS-X070-R30C-TC7G

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

Mixture's intended use

Barrier (Sealant).

Main intended use

PC-ADH-5 Adhesives and sealants - transportation industry

Mixture uses advised against

For professional use only.

1.3. Details of the supplier of the safety data sheet

Supplier

Name or trade name	RETECH, s.r.o.
Address	Vackova 1541/4, Praha 5 - Stodůlky, 155 00 Czech Republic
Identification number (CRN)	25018205
VAT Reg No	CZ25018205
Phone	+420327596428
E-mail	info@retech.cz
Web address	www.retech.com

Competent person responsible for the safety data sheet

Name	RETECH, s.r.o.
E-mail	info@retech.cz

1.4. Emergency telephone number

European emergency number: 112

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification of the mixture in accordance with Regulation (EC) No 1272/2008

The mixture is classified as dangerous.

Aerosol 3, H229
Skin Corr. 1B, H314

Full text of all classifications and hazard statements is given in the section 16.

Most serious adverse physico-chemical effects

Pressurised container: May burst if heated.

Most serious adverse effects on human health and the environment

Causes severe skin burns and eye damage.

2.2. Label elements

Hazard pictogram

Signal word

Danger

Hazardous substances

Methylsilanetriyl-triacetate
diacetoxydi-tert-butoxysilane

Hazard statements

H229	Pressurised container: May burst if heated.
H314	Causes severe skin burns and eye damage.

Precautionary statements

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P251	Do not pierce or burn, even after use.
P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P410+P412	Protect from sunlight. Do no expose to temperatures exceeding 50 °C.

2.3. Other hazards

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605. Mixture does not contain any substance meet the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No. 1907/2006 (REACH) as amended.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Mixture of substances and additives specified below.

Mixture contains these hazardous substances and substances with the highest permissible concentration in the working environment

Identification numbers	Substance name	Content in % weight	Classification according to Regulation (EC) No 1272/2008	Note
CAS: 70131-67-8	dihydroxy polydimethylsiloxane	65-<70		
CAS: 7631-86-9 EC: 231-545-4 Registration number: 01-2119379499-16	Silica, amorphous	10-<13		
CAS: 63148-62-9	polysiloxanes	7-<10	not classified as dangerous	
CAS: 811-97-2 EC: 212-377-0 Registration number: 01-2119459374-33	1,1,1,2-Tetrafluoroethane	7-<10	Press. Gas, H280	
CAS: 4253-34-3 EC: 224-221-9 Registration number: 21-2119987097-22	Methylsilanetriyl-triacetate	1-<3	Acute Tox. 4, H302 Skin Corr. 1B, H314 Eye Dam. 1, H318 EUH014	
CAS: 13170-23-5 EC: 236-112-3 Registration number: 01-2119987098-20	diacetoxydi-tert-butoxysilane	1-<3	Skin Corr. 1B, H314 Eye Dam. 1, H318	
Index: 607-002-00-6 CAS: 64-19-7 EC: 200-580-7 Registration number: 01-2119475328-30	acetic acid	<0,5	Flam. Liq. 3, H226 Skin Corr. 1A, H314 Eye Dam. 1, H318	1
CAS: 556-67-2 EC: 209-136-7 Registration number: 01-2119529238-36	octamethylcyclotetrasiloxane	<0,5	Flam. Liq. 3, H226 Repr. 2, H361f Aquatic Chronic 4, H413	2

Notes

1 A substance for which exposure limits are set.

2 Substance of very high concern - SVHC.

Full text of all classifications and hazard statements is given in the section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

If any health problems are manifested or if in doubt, inform a doctor and show him information from this safety data sheet.

If inhaled

Provide medical treatment. Terminate the exposure immediately; move the affected person to fresh air. Respiratory arrest - provide artificial respiration immediately. Take care of your own safety.

If on skin

Remove contaminated clothes. Rinse skin with water/shower. Provide medical treatment.

If in eyes

Rinse eyes immediately with a flow of running water, open the eyelids (also using force if needed); remove contact lenses immediately if worn by the affected person. Rinsing should be continued for 10-30 minutes from the inner to the outer eye corner to make sure that the other eye is not involved. Depending on the situation, call medical rescue service or ensure medical treatment as promptly as possible.

If swallowed

Provide medical treatment. Rinse out the mouth with water and provide 2-5 dL of water. Do not induce vomiting unless directed to do so by medical personnel.

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

If inhaled

not available

If on skin

Causes severe skin burns.

If in eyes

Causes serious eye damage.

If swallowed

not available

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

not available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Carbon dioxide, foam, powder. Water mist.

Unsuitable extinguishing media

Not defined.

5.2. Special hazards arising from the substance or mixture

Explosion risk in case of fire. Do not breathe smoke.

5.3. Advice for firefighters

Use a self-contained breathing apparatus and full-body protective clothing. Closed containers with the product near the fire should be cooled with water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Stop leak if safe to do so. Pressurised container: May burst if heated. Use personal protective equipment for work. Follow the instructions in the Sections 7 and 8.

6.2. Environmental precautions

Prevent contamination of the soil and entering surface or ground water.

6.3. Methods and material for containment and cleaning up

Spilled product should be covered with suitable (non-flammable) absorbing material (sand, diatomaceous earth, earth and other suitable absorption materials); to be contained in well closed containers and removed as per the Section 13. Ventilate the room.

6.4. Reference to other sections

See the Section 7, 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Take precautionary measures against static discharge. Do not spray on an open flame or other ignition source. Vapours mixed up with air can be explosive. Provide sufficient ventilation. Do not eat, drink or smoke when using this product. Do not inhale aerosols.

7.2. Conditions for safe storage, including any incompatibilities

Store in a well-ventilated place. Protect from sunlight. Do not expose to temperatures exceeding 50 °C. Remove all ignition sources.

Content	Packaging type	Material of package
215 ml	pressure receptacle / gas container	ALU

7.3. Specific end use(s)

not available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

The mixture contains substances for which occupational exposure limits are set.

European Union **Commission Directive (EU) 2017/164**

Substance name (component)	Type	Value
acetic acid (CAS: 64-19-7)	OEL 8 hours	25 mg/m³
	OEL 8 hours	10 ppm
	OEL 15 minutes	50 mg/m³
	OEL 15 minutes	20 ppm

DNEL

diacetoxydi-tert-butoxysilane					
Workers / consumers	Route of exposure	Value	Effect	Value determination	Source
Consumers	Oral	10.69 mg/kg bw/day	Chronic effects systemic		
Consumers	Inhalation	37.2 mg/m³	Chronic effects systemic		
Consumers	Dermal	10.69 mg/kg bw/day	Chronic effects systemic		
Workers	Inhalation	150.84 mg/m³	Chronic effects systemic		
Workers	Dermal	21.39 mg/kg bw/day	Chronic effects systemic		

Methylsilanetriyl-triacetate					
Workers / consumers	Route of exposure	Value	Effect	Value determination	Source
Consumers	Oral	1 mg/kg bw/day	Chronic effects systemic		
Consumers	Inhalation	5.1 mg/m³	Chronic effects local		
Consumers	Inhalation	6.3 mg/m³	Chronic effects systemic		
Consumers	Dermal	7.2 mg/kg bw/day	Chronic effects systemic		
Workers	Inhalation	31 mg/m³	Chronic effects local		
Workers	Inhalation	25 mg/m³	Chronic effects systemic		
Workers	Dermal	14.5 mg/kg bw/day	Chronic effects systemic		

octamethylcyclotetrasiloxane					
Workers / consumers	Route of exposure	Value	Effect	Value determination	Source
Consumers	Inhalation	61 mg/m³	Acute effects local		
Consumers	Inhalation	305 mg/m³	Acute effects systemic		
Consumers	Inhalation	61 mg/m³	Chronic effects local		
Consumers	Inhalation	305 mg/m³	Chronic effects systemic		

Silica, amorphous					
Workers / consumers	Route of exposure	Value	Effect	Value determination	Source
Workers	Inhalation	4 mg/m³	Acute effects local		
Workers	Inhalation	4 mg/m³	Chronic effects local		

PNEC

diacetoxydi-tert-butoxysilane			
Route of exposure	Value	Value determination	Source
Freshwater environment	0.02875 mg/l		
Marine water	0.02875 mg/l		
Freshwater sediment	0.03279 mg/kg/24h		
Sea sediments	0.003279 mg/kg/24h		
Microorganisms in sewage treatment	13.276 mg/l		

Methylsilanetriyl-triacetate			
Route of exposure	Value	Value determination	Source
Freshwater environment	1 mg/l		
Marine water	0.1 mg/l		
Freshwater sediment	3.4 mg/kg		
Sea sediments	0.34 mg/kg		
Water (intermittent release)	10 mg/l		
Microorganisms in sewage treatment	10 mg/l		
Soil (agricultural)	0.145 mg/kg		

octamethylcyclotetrasiloxane			
Route of exposure	Value	Value determination	Source
Marine water	0.044 mg/l		
Freshwater sediment	0.128 mg/kg		
Microorganisms in sewage treatment	100 mg/l		
Soil (agricultural)	0.16 mg/kg		

8.2. Exposure controls

Follow the usual measures intended for health protection at work and especially for good ventilation. This can be achieved only by local suction or efficient general ventilation. Wash hands and exposed parts of the body thoroughly after handling. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection

Tightly sealed goggles.

Skin protection

Hand protection: It is not needed. Other protection: Wear category II professional long-sleeved overalls and safety footwear (see Regulation (EU) 2016/425 and standard EN ISO 20344).

Respiratory protection

Use a mask with filter when the exposition limits of the substances are exceeded or at the place with insufficient ventilation. Filter of type A in combination with filter of type P.

Thermal hazard

Not available.

Environmental exposure controls

Observe usual measures for protection of the environment, see Section 6.2.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	liquid
Colour	red
Odour	sharp
Melting point/freezing point	data not available
Boiling point or initial boiling point and boiling range	data not available
Flammability	data not available
Lower and upper explosion limit	data not available
Flash point	>150 °C
Auto-ignition temperature	>400 °C
Decomposition temperature	data not available
pH	data not available
Kinematic viscosity	data not available
Solubility in water	insoluble
Solubility in fats	data not available
Partition coefficient n-octanol/water (log value)	data not available
Vapour pressure	data not available
Density and/or relative density	
Density	data not available
Relative density	1.1
Relative vapour density	data not available
Particle characteristics	data not available
Form	cream / paste

data not available

9.2. Other information

Evaporation rate	data not available

SECTION 10: Stability and reactivity

10.1. Reactivity

See the Section 10.3.

10.2. Chemical stability

The product is stable under normal conditions.

10.3. Possibility of hazardous reactions

When used in the standard way, there is not any dangerous reaction with other substances.

Acetic acid
Risk of explosion on contact with: chromium dioxide, potassium permanganate, sodium peroxide, perchloric acid, phosphorus pentachloride, hydrogen peroxide.
May react dangerously with: alcohols, phosphorus pentabromide, chlorosulphonic acid, chromosulfuric acid, ethylenediamine, ethylene glycol, potassium hydroxide, strong bases, strong oxidizing agents, sodium hydroxide, nitric acid, ammonium nitrate, potassium tert-butoxide, oleum. Forms explosive mixtures with air.

10.4. Conditions to avoid

Protect against overheating.

Acetic acid
Keep away from heat,open flames.

10.5. Incompatible materials

Protect against strong oxidizing agents and reducing agents. Protect against strong acids and bases. Keep away from heat,open flames.

Acetic acid
Incompatible materials: carbonates, hydroxides, phosphates, oxidizing agents, bases.

10.6. Hazardous decomposition products

not available

SECTION 11: Toxicological information

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

No toxicological data is available for the mixture.

Acute toxicity

Based on the available data, the criteria for classification of the mixture are not met.

TOP GASKET					
Route of exposure	Parameter	Value	Exposure time	Species	Sex
Oral	LD_{50}	>5000 mg/kg		Rat	
Dermal	LD_{50}	>2000 mg/kg		Rabbit	

1,1,1,2-Tetrafluoroethane					
Route of exposure	Parameter	Value	Exposure time	Species	Sex
Inhalation	LC_{50}	567000 ppm	1 hour		

acetic acid					
Route of exposure	Parameter	Value	Exposure time	Species	Sex
Oral	LD_{50}	3310 mg/kg		Rat	
Dermal	LD_{50}	1060 mg/kg		Rabbit	
Inhalation	LC_{50}	11.4 mg/l	4 hours	Rat	

octamethylcyclotetrasiloxane					
Route of exposure	Parameter	Value	Exposure time	Species	Sex
Inhalation	LC_{50}	2975 ppm	4 hours		

polysiloxanes					
Route of exposure	Parameter	Value	Exposure time	Species	Sex
Dermal	LD_{50}	>2000 mg/kg		Rat	

Silica, amorphous					
Route of exposure	Parameter	Value	Exposure time	Species	Sex
Oral	LD_{50}	>2000 mg/kg		Rat	
Dermal	LD_{50}	>2000 mg/kg		Rat	
Inhalation	LC_{50}	>2.2 mg/l	1 hour	Rat	

Skin corrosion/irritation
Causes severe skin burns and eye damage. Data for the components of the mixture are not available.

Serious eye damage/irritation
Causes severe skin burns and eye damage. Data for the components of the mixture are not available.

Respiratory or skin sensitisation
No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture are not met.

Germ cell mutagenicity
No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture are not met.

Carcinogenicity
No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture are not met.

Reproductive toxicity
No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture are not met.

Toxicity for specific target organ - single exposure
No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture are not met.

Toxicity for specific target organ - repeated exposure
No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture are not met.

Aspiration hazard
No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture are not met.

11.2. Information on other hazards
The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

SECTION 12: Ecological information

12.1. Toxicity
Data for the mixture are not available. Based on the available data, the criteria for classification of the mixture are not met.

Acute toxicity

1,1,1,2-Tetrafluoroethane				
Parameter	Value	Exposure time	Species	Environment
LC_{50}	450 mg/l	96 hours	Fish	

diacetoxydi-tert-butoxysilane				
Parameter	Value	Exposure time	Species	Environment
LC_{50}	192.34 mg/l	96 hours	Fish	
LC_{50}	28.75 mg/l	72 hours	Algae	

More information

Avoid release to the environment. In the event of substantial pollution, contact respective authorities.

12.2. Persistence and degradability

Data for the mixture are not available.

Biodegradability

acetic acid					
Parameter	Method	Value	Exposure time	Environment	Result
S, Sol		>10000 mg/l			

diacetoxydi-tert-butoxysilane					
Parameter	Method	Value	Exposure time	Environment	Result
	OECD 301F	79.5 %	28 days		

Silica, amorphous					
Parameter	Method	Value	Exposure time	Environment	Result
S, Sol		0.1-100 mg/l			

12.3. Bioaccumulative potential

Data for the mixture are not available.

acetic acid					
Parameter	Value	Exposure time	Species	Environment	Temperature [°C]
Kow	-0.17				

Silica, amorphous					
Parameter	Value	Exposure time	Species	Environment	Temperature [°C]
Kow	0.53				

12.4. Mobility in soil

Data for the mixture are not available.

acetic acid			
Parameter	Value	Environment	Temperature
K soil-water	1.153		

12.5. Results of PBT and vPvB assessment

Product does not contain any substance meeting the criteria for PBT or vPvB in accordance with the Annex XIII of Regulation (EC) No 1907/2006 (REACH) as amended.

12.6. Endocrine disrupting properties

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

12.7. Other adverse effects

Not available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Proceed in accordance with valid regulations on waste disposal. Any unused product and contaminated packaging should be put in labelled containers for waste collection and submitted for disposal to a person authorised for waste removal (a specialized company) that is entitled for such activity. The product must not be disposed of with municipal waste. Empty containers may be used at waste incinerators to produce energy or deposited in a dump with appropriate classification.

Waste management legislation

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste, as amended. Decision 2000/532/EC establishing a list of wastes, as amended.

Waste type code

08 04 09 waste adhesives and sealants containing organic solvents or other hazardous substances *

Packaging waste type code

15 01 11 metallic packaging containing a hazardous solid porous matrix (for example asbestos), including empty pressure containers *

(*) - Hazardous waste according to Directive 2008/98/EC on hazardous waste

SECTION 14: Transport information

14.1. UN number or ID number

UN 1950

14.2. UN proper shipping name

AEROSOLS

14.3. Transport hazard class(es)

2 Gases

14.4. Packing group

not relevant

14.5. Environmental hazards

No

14.6. Special precautions for user

Reference in the Sections 4 to 8.

14.7. Maritime transport in bulk according to IMO instruments

not relevant

Additional information

IATA: A145, A167

Hazard identification No.	
UN number	1950
Safety signs	2.2

Road transport - ADR

Limited quantities	1 L
Tunnel restriction code	(E)

Railway transport - RID

Air transport - ICAO/IATA

Packaging instructions passenger	203

Marine transport - IMDG

EmS (emergency plan)	F-D, S-U

SECTION 15: Regulatory information

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

Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18th December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing the 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, as amended. REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL 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).

15.2. Chemical safety assessment

not available

SECTION 16: Other information

A list of standard risk phrases used in the safety data sheet

H226	Flammable liquid and vapour.
H229	Pressurised container: May burst if heated.
H280	Contains gas under pressure; may explode if heated.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.
H361f	Suspected of damaging fertility.
H413	May cause long lasting harmful effects to aquatic life.

Guidelines for safe handling used in the safety data sheet

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P251	Do not pierce or burn, even after use.
P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P410+P412	Protect from sunlight. Do no expose to temperatures exceeding 50 °C.

A list of additional standard phrases used in the safety data sheet

EUH014	Reacts violently with water.

Other important information about human health protection

The product must not be - unless specifically approved by the manufacturer/importer - used for purposes other than as per the Section 1. The user is responsible for adherence to all related health protection regulations.

Key to abbreviations and acronyms used in the safety data sheet

ADR	European agreement concerning the international carriage of dangerous goods by road
BCF	Bioconcentration Factor
CAS	Chemical Abstracts Service
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substance and mixtures
EC	Identification code for each substance listed in EINECS
EINECS	European Inventory of Existing Commercial Chemical Substances
EmS	Emergency plan
EU	European Union
EuPCS	European Product Categorisation System
IATA	International Air Transport Association

IBC	International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
INCI	International Nomenclature of Cosmetic Ingredients
ISO	International Organization for Standardization
IUPAC	International Union of Pure and Applied Chemistry
LC_{50}	Lethal concentration of a substance in which it can be expected death of 50% of the population
LD_{50}	Lethal dose of a substance in which it can be expected death of 50% of the population
log Kow	Octanol-water partition coefficient
OEL	Occupational Exposure Limits
PBT	Persistent, Bioaccumulative and Toxic
ppm	Parts per million
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Agreement on the transport of dangerous goods by rail
UN	Four-figure identification number of the substance or article taken from the UN Model Regulations
UVCB	Substances of unknown or variable composition, complex reaction products or biological materials
VOC	Volatile organic compounds
vPvB	Very Persistent and very Bioaccumulative

Acute Tox.	Acute toxicity
Aerosol	Aerosol
Aquatic Chronic	Hazardous to the aquatic environment (chronic)
Eye Dam.	Serious eye damage
Flam. Liq.	Flammable liquid
Press. Gas	Gases under pressure
Repr.	Reproductive toxicity
Skin Corr.	Skin corrosion

Training guidelines

Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways of handling the product.

Recommended restrictions of use

not available

Information about data sources used to compile the Safety Data Sheet

REGULATION (EC) No. 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (REACH) as amended. REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. Data from the manufacturer of the substance / mixture, if available - information from registration dossiers.

The changes (which information has been added, deleted or modified)

The version 2.1 replaces the SDS version from 4 February 2021. Changes were made in sections 2, 8, 11, 12, 15 and 16.

Statement

The safety data sheet provides information aimed at ensuring safety and health protection at work and environmental protection. The provided information corresponds to the current status of knowledge and experience and complies with valid legal regulations. The information should not be understood as guaranteeing the suitability and usability of the product for a particular application.