Safety Data Sheet according to Regulation (EC) No1907/2006

SDS No. : 360234
V003.1

CIMSEC Premium Fugenflex Stop Schimmel weiss

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

1.1. Product identifier
CIMSEC Premium Fugenflex Stop Schimmel weiss

1.2. Relevant identified uses of the substance or mixture and uses advised against
Intended use:
Joint sealant, silicone

1.3. Details of the supplier of the safety data sheet
Henkel Central Eastern Europe GmbH
Erdbergstrasse 29
1031 Wien

Austria

Phone: +43 (1) 71104 0
Fax-no.: +43 (1) 71104 2523

ua-productsafety.at@at.henkel.com

1.4. Emergency telephone number

In case of any emergency call National Poison Information Centre +43 1- 406 43 43

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (CLP):

Serious eye irritation	Category 2
H319 Causes serious eye irritation.	

Classification (DPD):
No classification required.

2.2. Label elements

Label elements (CLP):

Hazard pictogram:

Signal word: Warning

Hazard statement:	H319 Causes serious eye irritation.
Supplemental information	Contains 2-Octyl-2H-isothiazol-3-one. May produce an allergic reaction.
Precautionary statement:	P102 Keep out of reach of children. P101 If medical advice is needed, have product container or label at hand. P262 Do not get in eyes, on skin, or on clothing. P271 Use only outdoors or in a well-ventilated area. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to remove. Continue rinsing.

Label elements (DPD):

Safety phrases:

S2 Keep out of the reach of children.
S24 Avoid contact with skin.
S46 If swallowed, seek medical advice immediately and show this container or label.
S51 Use only in well-ventilated areas.

Additional information:

The product is not subject to classification according to the calculation methods of the "General Classification Guideline for Preparations of the EC" as issued in the last version.

2.3. Other hazards

Evolves methanol during cure.

SECTION 3: Composition/information on ingredients

General chemical description:

Joint sealants

Base substances of preparation:

Polydimethyl siloxane
Alkoxysilane crosslinking agent
Inorganic fillers

Declaration of the ingredients according to CLP (EC) No 1272/2008:

Hazardous components CAS-No.	EC Number REACH-Reg No.	content	Classification
Trimethoxyvinylsilane 2768-02-7	220-449-8 01-2119513215-52	< 5 %	Flammable liquids 3 H226 Acute toxicity 4; Inhalation H332
Titanium tetrabutanolate 5593-70-4	227-006-8	< 2 %	Skin irritation 2; Dermal H315 Serious eye damage/eye irritation 1 H318 Flammable liquids 3 H226 Specific target organ toxicity - single exposure 3 H335 Specific target organ toxicity - single exposure 3 H336
Methanol 67-56-1	200-659-6 01-2119433307-44	< 1 %	Flammable liquids 2 H225 Specific target organ toxicity - single exposure 1 H370 Acute toxicity 3; Inhalation H331 Acute toxicity 3; Dermal H311 Acute toxicity 3; Oral H301
Tebuconazole 107534-96-3	403-640-2	< 1 %	Toxic to reproduction 2 H361d Acute toxicity 4; Oral H302 Chronic hazards to the aquatic environment 2 H411
2-Octyl-2H-isothiazol-3-one 26530-20-1	247-761-7	< 500 PPM	Acute toxicity 3; Inhalation H331 Acute toxicity 3; Dermal H311 Skin corrosion 1B H314 Skin sensitizer 1 H317 Acute hazards to the aquatic environment 1 H400 Acute toxicity 4; Oral H302 Chronic hazards to the aquatic environment 1 H410

For full text of the H - statements and other abbreviations see section 16 "Other information".
Substances without classification may have community workplace exposure limits available.

Declaration of ingredients according to DPD (EC) No 1999/45:

Hazardous components CAS-No.	EC Number REACH-Reg No.	content	Classification
Trimethoxyvinylsilane 2768-02-7	220-449-8 01-2119513215-52	< 5 %	R10 Xn - Harmful; R20
Titanium tetrabutanolate 5593-70-4	227-006-8	< 2 %	Xi - Irritant; R37/38, R41 R10 R67
Methanol 67-56-1	200-659-6 01-2119433307-44	< 1 %	F - Highly flammable; R11 T - Toxic; R23/24/25, R39/23/24/25
Tebuconazole 107534-96-3	403-640-2	< 1 %	Toxic for reproduction - category 3.; R63 Xn - Harmful; R22 N - Dangerous for the environment; R51/53

For full text of the R-Phrases indicated by codes see section 16 'Other Information'.
Substances without classification may have community workplace exposure limits available.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information:
In case of adverse health effects seek medical advice.

Inhalation:
Move to fresh air, consult doctor if complaint persists.

Skin contact:
Rinse with running water and soap. Apply replenishing cream. Change all contaminated clothing.

Eye contact:
Immediately flush eyes with soft jet of water or eye rinse solution for at least 5 minutes. If pains remains (intensive smarting, sensivity to light, visual disturbance) continue flushing and contact/seek doctor or hospital.

Ingestion:
Rinse mouth and throat. Drink 1-2 glasses of water. Seek medical advice.

4.2. Most important symptoms and effects, both acute and delayed
Causes serious eye irritation.

4.3. Indication of any immediate medical attention and special treatment needed
See section: Description of first aid measures

SECTION 5: Firefighting measures

5.1. Extinguishing media
Suitable extinguishing media:
carbon dioxide, foam, powder, water spray jet, fine water spray

Extinguishing media which must not be used for safety reasons:
High pressure waterjet

5.2. Special hazards arising from the substance or mixture
In the event of a fire, carbon monoxide (CO) and carbon dioxide (CO2) can be released.

5.3. Advice for firefighters
Wear protective equipment.
Wear self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
Wear protective equipment.
Avoid contact with skin and eyes.
Ensure adequate ventilation.
Danger of slipping on spilled product.

6.2. Environmental precautions
Do not empty into drains / surface water / ground water.

6.3. Methods and material for containment and cleaning up
Remove mechanically.
Dispose of contaminated material as waste according to Section 13.

6.4. Reference to other sections
See advice in section 8

SECTION 7: Handling and storage

7.1. Precautions for safe handling
Ensure good ventilation/suction at the workplace.
Avoid skin and eye contact.

Hygiene measures:
Wash hands before work breaks and after finishing work.
Do not eat, drink or smoke while working.

7.2. Conditions for safe storage, including any incompatibilities
Store in a cool, frost-free place.
Temperatures between 0 °C and + 30 °C
Do not store together with food or other consumables (coffee, tea, tobacco, etc.).

7.3. Specific end use(s)
Joint sealant, silicone

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational Exposure Limits

Valid for
Austria

Ingredient	ppm	mg/m³	Type	Category	Remarks
METHANOL 67-56-1	200	260	Time Weighted Average (TWA):	Indicative	ECTLV
Methanol 67-56-1	200	260	MAK:		AT/MAK
Methanol 67-56-1			Skin designation:	Can be absorbed through the skin.	AT/MAK
Methanol 67-56-1	800	1.040	MAK Short Term Exposure Limit (STEL):	4x15 minutes/shift	AT/MAK
2-Octyl-2H-isothiazol-3-one 26530-20-1		0,05	MAK:		AT/MAK
2-Octyl-2H-isothiazol-3-one 26530-20-1		0,05	MAK Ceiling Limit Value:		AT/MAK
2-Octyl-2H-isothiazol-3-one 26530-20-1			Skin designation:	Can be absorbed through the skin.	AT/MAK

Predicted No-Effect Concentration (PNEC):

Name on list	Environmental Compartment	Exposure period	Value				Remarks
			mg/l	ppm	mg/kg	others	
Trimethoxyvinylsilane 2768-02-7	aqua (freshwater)					0,34 mg/L	
Trimethoxyvinylsilane 2768-02-7	aqua (marine water)					0,034 mg/L	
Trimethoxyvinylsilane 2768-02-7	aqua (intermittent releases)					3,4 mg/L	
Trimethoxyvinylsilane 2768-02-7	STP					110 mg/L	
Trimethoxyvinylsilane 2768-02-7	sediment (freshwater)				0,27 mg/kg		
Trimethoxyvinylsilane 2768-02-7	sediment (marine water)				0,12 mg/kg		
Trimethoxyvinylsilane 2768-02-7	soil				0,046 mg/kg		
Methanol 67-56-1	aqua (freshwater)					154 mg/L	
Methanol 67-56-1	sediment (freshwater)				570,4 mg/kg		
Methanol 67-56-1	aqua (marine water)					15,4 mg/L	
Methanol 67-56-1	soil				23,5 mg/kg		
Methanol 67-56-1	STP					100 mg/L	
Methanol 67-56-1	aqua (intermittent releases)					1540 mg/L	

Derived No-Effect Level (DNEL):

Name on list	Application Area	Route of Exposure	Health Effect	Exposure Time	Value	Remarks
Trimethoxyvinylsilane 2768-02-7	worker	Dermal	Long term exposure - systemic effects		0,69 mg/kg bw/day	
Trimethoxyvinylsilane 2768-02-7	worker	inhalation	Long term exposure - systemic effects		4,9 mg/m3	
Trimethoxyvinylsilane 2768-02-7	general population	Dermal	Acute/short term exposure - systemic effects		26,9 mg/kg bw/day	
Trimethoxyvinylsilane 2768-02-7	general population	inhalation	Acute/short term exposure - systemic effects		93,4 mg/m3	
Trimethoxyvinylsilane 2768-02-7	general population	Dermal	Long term exposure - systemic effects		0,3 mg/kg bw/day	
Trimethoxyvinylsilane 2768-02-7	general population	inhalation	Long term exposure - systemic effects		1,04 mg/m3	
Trimethoxyvinylsilane 2768-02-7	general population	oral	Long term exposure - systemic effects		0,3 mg/kg bw/day	
Trimethoxyvinylsilane 2768-02-7	worker	Dermal	Acute/short term exposure - systemic effects		0,69 mg/kg bw/day	
Trimethoxyvinylsilane 2768-02-7	worker	inhalation	Acute/short term exposure - systemic effects		4,9 mg/m3	
Methanol 67-56-1	worker	Dermal	Acute/short term exposure - systemic effects		40 mg/kg bw/day	
Methanol 67-56-1	worker	inhalation	Acute/short term exposure - systemic effects		260 mg/m3	
Methanol 67-56-1	worker	inhalation	Acute/short term exposure - local effects		260 mg/m3	
Methanol 67-56-1	worker	Dermal	Long term exposure - systemic effects		40 mg/kg bw/day	
Methanol 67-56-1	worker	inhalation	Long term exposure - systemic effects		260 mg/m3	
Methanol 67-56-1	worker	inhalation	Long term exposure - local effects		260 mg/m3	
Methanol 67-56-1	general population	Dermal	Acute/short term exposure - systemic effects		8 mg/kg bw/day	
Methanol 67-56-1	general population	inhalation	Acute/short term exposure - systemic effects		50 mg/m3	
Methanol 67-56-1	general population	oral	Acute/short term exposure - systemic effects		8 mg/kg bw/day	
Methanol 67-56-1	general population	inhalation	Acute/short term exposure - local effects		50 mg/m3	
Methanol 67-56-1	general population	Dermal	Long term exposure - systemic effects		8 mg/kg bw/day	
Methanol 67-56-1	general population	inhalation	Long term exposure - systemic effects		50 mg/m3	
Methanol 67-56-1	general population	oral	Long term exposure - systemic effects		8 mg/kg bw/day	
Methanol 67-56-1	general population	inhalation	Long term exposure - local effects		50 mg/m3	

Biological Exposure Indices:
None

8.2. Exposure controls:

Respiratory protection:
Suitable breathing mask when there is inadequate ventilation.
Filter : AX
This recommendation should be matched to local conditions.

Hand protection:
In the case of longer contact protective gloves made from nitrile rubber are recommended according to EN 374.
material thickness > 0.1 mm
Perforation time > 480 minutes
In the case of longer and repeated contact please note that in practice the penetration times may be considerably shorter than those determined according to EN 374. The protective gloves must always be checked for their suitability for use at the specific workplace (e.g. mechanical and thermal stress, product compatibility, antistatic effects, etc.). The gloves must be replaced immediately at the first signs of wear and tear. The information provided by the manufacturers and given in the relevant trade association regulations for industrial safety must always be observed. We recommend that a hand care plan is drawn up in cooperation with a glove manufacturer and the trade association in accordance with the local operating conditions.

Eye protection:
Goggles which can be tightly sealed.

Skin protection:
Suitable protective clothing

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	liquid pasty white
Odor	characteristic
Odour threshold	No data available / Not applicable
pH	No data available / Not applicable
Initial boiling point	No data available / Not applicable
Flash point	> 93 °C (> 199.4 °F); flash point, Abel-Pensky
Decomposition temperature	No data available / Not applicable
Vapour pressure	No data available / Not applicable
Density (20 °C (68 °F))	1,04 g/cm3
Bulk density	No data available / Not applicable
Viscosity	No data available / Not applicable
Viscosity (kinematic)	No data available / Not applicable
Explosive properties	No data available / Not applicable
Solubility (qualitative) (20 °C (68 °F); Solvent: Water)	Insoluble
Solidification temperature	No data available / Not applicable
Melting point	No data available / Not applicable
Flammability	No data available / Not applicable
Auto-ignition temperature	No data available / Not applicable
Explosive limits	No data available / Not applicable
Partition coefficient: n-octanol/water	No data available / Not applicable
Evaporation rate	No data available / Not applicable
Vapor density	No data available / Not applicable
Oxidising properties	No data available / Not applicable

9.2. Other information

No data available / Not applicable

SECTION 10: Stability and reactivity

10.1. Reactivity
None if used for intended purpose.

10.2. Chemical stability
Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions
See section reactivity

10.4. Conditions to avoid
None if used for intended purpose.

10.5. Incompatible materials
None if used properly.

10.6. Hazardous decomposition products
Evolves methanol during cure.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

General toxicological information:
The mixture is classified based on the available hazard information for the ingredients as defined in the classification criteria for mixtures for each hazard class or differentiation in Annex I to Regulation 1272/2008/EC. Relevant available health/ecological information for the substances listed under Section 3 is provided in the following.

Skin irritation:
Primary skin irritation: slightly irritating, does not require labeling

Eye irritation:
Causes serious eye irritation.

Sensitizing:
An allergic reaction cannot be excluded after repeated skin contact.

Acute oral toxicity:

Hazardous components CAS-No.	Value type	Value	Route of application	Exposure time	Species	Method
Trimethoxyvinylsilane 2768-02-7	LD50	7.120 mg/kg	oral		rat	OECD Guideline 401 (Acute Oral Toxicity)
Titanium tetrabutanolate 5593-70-4	LD50	3.122 mg/kg	oral		rat	
Methanol 67-56-1	Acute toxicity estimate (ATE)	100 mg/kg	oral			Expert judgement
Methanol 67-56-1	LD50	7.914 mg/kg			rat	BASF Test

Acute inhalative toxicity:

Hazardous components CAS-No.	Value type	Value	Route of application	Exposure time	Species	Method
Trimethoxyvinylsilane 2768-02-7	LC50	16,8 mg/l	inhalation	4 h	rat	OECD Guideline 403 (Acute Inhalation Toxicity)
Methanol 67-56-1	Acute toxicity estimate (ATE)	3 mg/l	inhalation			Expert judgement
Methanol 67-56-1	LC50	87,5 mg/l		6 h	rat	BASF Test

Acute dermal toxicity:

Hazardous components CAS-No.	Value type	Value	Route of application	Exposure time	Species	Method
Trimethoxyvinylsilane 2768-02-7	LD50	3.540 mg/kg	dermal		rabbit	

Skin corrosion/irritation:

Hazardous components CAS-No.	Result	Exposure time	Species	Method
Methanol 67-56-1	not irritating		rabbit	BASF Test

Serious eye damage/irritation:

Hazardous components CAS-No.	Result	Exposure time	Species	Method
Methanol 67-56-1	not irritating		rabbit	BASF Test

Respiratory or skin sensitization:

Hazardous components CAS-No.	Result	Test type	Species	Method
Methanol 67-56-1	not sensitising	Guinea pig maximisation test	guinea pig	Magnusson and Kligman Method
2-Octyl-2H-isothiazol-3-one 26530-20-1	sensitising	Guinea pig maximisation test	guinea pig	

Repeated dose toxicity

Hazardous components CAS-No.	Result	Route of application	Exposure time / Frequency of treatment	Species	Method
Methanol 67-56-1	NOAEL=6,63 mg/l	inhalation	4 weeks 6 h/d, 5 d/w	rat	

SECTION 12: Ecological information

General ecological information:

The mixture is classified based on the available hazard information for the ingredients as defined in the classification criteria for mixtures for each hazard class or differentiation in Annex I to Regulation 1272/2008/EC. Relevant available health/ecological information for the substances listed under Section 3 is provided in the following.
Do not empty into drains, soil or bodies of water.

12.1. Toxicity

Hazardous components CAS-No.	Value type	Value	Acute Toxicity Study	Exposure time	Species	Method
Trimethoxyvinylsilane 2768-02-7	LC50	191 mg/l	Fish	96 h	Oncorhynchus mykiss	OECD Guideline 203 (Fish, Acute Toxicity Test)
Trimethoxyvinylsilane 2768-02-7	EC50	> 100 mg/l	Daphnia	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Trimethoxyvinylsilane 2768-02-7	EC50	> 100 mg/l	Algae	72 h		OECD Guideline 201 (Alga, Growth Inhibition Test)
Methanol 67-56-1	NOEC	7.900 mg/l	Fish	200 h	Oryzias latipes	OECD 210 (fish early lite stage toxicity test)
	LC50	> 1.000 mg/l	Fish	48 h	Leuciscus idus	DIN 38412-15
Methanol 67-56-1	EC50	> 10.000 mg/l	Daphnia	48 h	Daphnia magna	
Methanol 67-56-1	EC50	28,44 g/l	Algae		Chlorella pyrenoidosa	OECD Guideline 201 (Alga, Growth Inhibition Test)
Tebuconazole 107534-96-3	LC50	4,4 mg/l	Fish	96 h	Oncorhynchus mykiss	OECD Guideline 203 (Fish, Acute Toxicity Test)
Tebuconazole 107534-96-3	EC50	2,79 mg/l	Daphnia	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Tebuconazole 107534-96-3	EC50	3,8 mg/l	Algae	72 h		OECD Guideline 201 (Alga, Growth Inhibition Test)
2-Octyl-2H-isothiazol-3-one 26530-20-1	LC50	0,05 mg/l	Fish	96 h	Oncorhynchus mykiss	OECD Guideline 203 (Fish, Acute Toxicity Test)
2-Octyl-2H-isothiazol-3-one 26530-20-1	EC50	0,32 mg/l	Daphnia	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
2-Octyl-2H-isothiazol-3-one 26530-20-1	EC50	0,02 mg/l	Algae		Selenastrum capricornutum (new name: Pseudokirchnerella subcapitata)	OECD Guideline 201 (Alga, Growth Inhibition Test)

12.2. Persistence and degradability

Hazardous components CAS-No.	Result	Route of application	Degradability	Method
Methanol 67-56-1	readily biodegradable	aerobic	82 - 92 %	EU Method C.4-E (Determination of the "Ready" BiodegradabilityClosed Bottle Test)
Tebuconazole 107534-96-3			20 %	OECD Guideline 301 C (Ready Biodegradability: Modified MITI Test (I))
2-Octyl-2H-isothiazol-3-one 26530-20-1		aerobic	0 %	EU Method C.4-E (Determination of the "Ready" BiodegradabilityClosed Bottle Test)

12.3. Bioaccumulative potential / 12.4. Mobility in soil

Hazardous components CAS-No.	LogKow	Bioconcentration factor (BCF)	Exposure time	Species	Temperature	Method
Methanol 67-56-1	-0,77					
Tebuconazole 107534-96-3		78				
Tebuconazole 107534-96-3	3,7					

12.5. Results of PBT and vPvB assessment

Hazardous components CAS-No.	PBT/vPvB
Trimethoxyvinylsilane 2768-02-7	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.
Titanium tetrabutanolate 5593-70-4	Not fulfilling PBT (persistent/bioaccummulative/toxic) criteria
Methanol 67-56-1	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.
2-Octyl-2H-isothiazol-3-one 26530-20-1	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.

12.6. Other adverse effects

No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product disposal:
Dispose of waste and residues in accordance with local authority requirements.

Disposal of uncleaned packages:
Use packages for recycling only when totally empty.

Waste code
08 04 09 waste adhesives and sealants containing organic solvents and other dangerous substances

SECTION 14: Transport information

14.1. UN number

Not hazardous according to RID, ADR, ADNR, IMDG, IATA-DGR.

14.2. UN proper shipping name

Not hazardous according to RID, ADR, ADNR, IMDG, IATA-DGR.

14.3. Transport hazard class(es)

Not hazardous according to RID, ADR, ADNR, IMDG, IATA-DGR.

14.4. Packaging group

Not hazardous according to RID, ADR, ADNR, IMDG, IATA-DGR.

14.5. Environmental hazards

Not hazardous according to RID, ADR, ADNR, IMDG, IATA-DGR.

14.6. Special precautions for user

Not hazardous according to RID, ADR, ADNR, IMDG, IATA-DGR.

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

not applicable

SECTION 15: Regulatory information

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

VOC content 0 %

(VOCV 814.018 VOC regulation
CH)

15.2. Chemical safety assessment

A chemical safety assessment has not been carried out.

National regulations/information (Germany):

WGK:	1, slightly water-endangering product. (German VwVwS of May 17, 1999) Classification in conformity with the calculation method
Storage class according to TRGS 510:	10

SECTION 16: Other information

The labelling of the product is indicated in Section 2. The full text
of all abbreviations indicated by codes in this safety data sheet are as follows:

R10 Flammable.
R11 Highly flammable.
R20 Harmful by inhalation.
R22 Harmful if swallowed.
R23/24/25 Toxic by inhalation, in contact with skin and if swallowed.
R37/38 Irritating to respiratory system and skin.
R39/23/24/25 Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.
R41 Risk of serious damage to eyes.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R63 Possible risk of harm to the unborn child.
R67 Vapours may cause drowsiness and dizziness.
H225 Highly flammable liquid and vapor.
H226 Flammable liquid and vapor.
H301 Toxic if swallowed.
H302 Harmful if swallowed.
H311 Toxic in contact with skin.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H331 Toxic if inhaled.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
H361d Suspected of damaging the unborn child.
H370 Causes damage to organs.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H411 Toxic to aquatic life with long lasting effects.

Further information:

This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.