

Trade name: glimtrex base colour A white 111002

Version: 22 / DE

Revision: 27.05.2019

Replaces Version: 21 / DE

Print date: 26.03.20

1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

glimtrex base colour A white 111002

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

Use of the substance/preparation

Surface treatment of wood and other materials

1.3. Details of the supplier of the safety data sheet

Manufacturer

glimtrex GmbH
Orkotten 68
48291 Telgte
Telephone no. +49 (0) 2504 88887-111
Fax no. +49 (0) 2504 88887-112
E-mail address info@glimtrex.de

1.4. Emergency telephone number

Germany: +49 (0) 30 30686700

2. Hazards identification

2.1. Classification of the substance or mixture

Classification (Regulation (EC) No. 1272/2008)

This product is not classified hazardous in accordance with Regulation (EC) No 1272/2008.

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

EUH208 Contains Phthalic anhydride, May produce an allergic reaction.

Supplemental information

EUH210 Safety data sheet available on request.

Further supplemental information

Cleaning cloth soaked with the product can self ignite during packing up, therefore dry the cloth on a line or through spreading and dispose of after dry up.

2.3. Other hazards

This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT). This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB) (if not listed in Section 3).

3. Composition/information on ingredients

Hazardous ingredients

alkanes, C11-14-iso-

CAS No.	90622-58-5				
Concentration	>=	1	<	10	%
Classification (Regulation (EC) No. 1272/2008)					
	Asp. Tox. 1		H304		
	Aquatic Chronic 4		H413		

Trade name: glimtrex base colour A white 111002

Version: 22 / DE

Revision: 27.05.2019

Replaces Version: 21 / DE

Print date: 26.03.20

EUH066

cyclohexanone oxime

CAS No. 100-64-1

EINECS no. 202-874-0

Registration no. 01-2119982972-21

Concentration ≥ 1 < 10 %

Classification (Regulation (EC) No. 1272/2008)

Acute Tox. 4

H302

Route of exposure: Oral exposure

Flam. Sol. 1

H228

Eye Irrit. 2

H319

STOT RE 2

H373.f

Aquatic Chronic 3

H412

Phthalic anhydride

CAS No. 85-44-9

EINECS no. 201-607-5

Registration no. 01-2119457017-41

Concentration $\geq 0,1$ < 1 %

Classification (Regulation (EC) No. 1272/2008)

Acute Tox. 4

H302

Route of exposure: Oral exposure

STOT SE 3

H335

Skin Irrit. 2

H315

Eye Dam. 1

H318

Resp. Sens. 1

H334

Skin Sens. 1

H317

Further ingredients**Naphtha (petroleum), hydrotreated heavy**

CAS No. 64742-48-9

EINECS no. 265-150-3

Registration no. 01-2119486659-16

Concentration ≥ 1 < 10 %

Advice: [3]

Classification (Regulation (EC) No. 1272/2008)

Asp. Tox. 1

H304

EUH066

Note

[3] Substance with occupational exposure limits

4. First aid measures**4.1. Description of first aid measures****General information**

In all cases of doubt, or when symptoms persist, seek medical attention. If unconscious place in recovery position and seek medical advice. First aider: Pay attention to self-protection! Remove affected person from danger area, lay him down.

After inhalation

In case of accident by inhalation: remove casualty to fresh air and keep at rest. Keep warm, calm and

Trade name: glimtrex base colour A white 111002

Version: 22 / DE

Revision: 27.05.2019

Replaces Version: 21 / DE

Print date: 26.03.20

covered up. In all cases of doubt, or when symptoms persist, seek medical attention.

After skin contact

Wash off immediately with soap and water. Do NOT use solvents or thinners. Consult a doctor if skin irritation persists.

After eye contact

Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice. Take medical treatment.

After ingestion

Do not induce vomiting. Take medical treatment.

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

Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness. High concentration of vapours may cause irritation to eyes and respiratory system and produce narcotic effects.

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

Hints for the physician / treatment

Treat symptomatically.

5. Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Recommended: alcohol resistant foam, CO₂, powders, water spray/mist

Non suitable extinguishing media

Do not use a solid water stream as it may scatter and spread fire.

5.2. Special hazards arising from the substance or mixture

Fire will produce dense black smoke. In a fire, hazardous decomposition products may be produced. Exposure to decomposition products may cause a health hazard. Vapours can form an explosive mixture with air.

5.3. Advice for firefighters

Special protective equipment for fire-fighting

In case of combustion evolution of dangerous gases possible. Use self-contained breathing apparatus.

Other information

Do not allow run-off from fire fighting to enter drains or water courses. Cool closed containers exposed to fire with water. Standard procedure for chemical fires.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Eliminate all ignition sources if safe to do so. Ensure adequate ventilation. Do not inhale vapours. Do not inhale gases. Do not inhale mist.

6.2. Environmental precautions

Do not allow to enter drains or waterways. Do not allow to enter soil, waterways or waste water canal. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

6.3. Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite,

Trade name: glimtrex base colour A white 111002

Version: 22 / DE

Revision: 27.05.2019

Replaces Version: 21 / DE

Print date: 26.03.20

diatomaceous earth and place in container for disposal according to local regulations (see section 13). Clean contaminated floors and objects thoroughly with water and detergents, observing environmental regulations. Do NOT use solvents or thinners. Send in suitable containers for recovery or disposal.

6.4. Reference to other sections

Refer to protective measures listed in Sections 7 and 8.

7. Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentration higher than the occupational exposure limits. Keep container tightly closed and dry in a cool, well-ventilated place. Use only with adequate ventilation/personal protection. Ensure adequate ventilation. Provide for sufficient ventilation. This can be achieved by local exhaust or general exhaust air collection. Wear a suitable respirator if the ventilation is not sufficient to keep the solvent vapour concentration below the occupational limit values. Avoid contact with skin and eyes. Avoid inhalation of vapour and spray mist. Do not eat, drink or smoke when using this product. Use personal protective clothing. For personal protection see Section 8.

Advice on protection against fire and explosion

Vapours can form an explosive mixture with air. Vapours are heavier than air and may spread along floors. In addition, the product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Mixture may charge electrostatically: always use earthing leads when transferring from one container to another. Take measures to prevent the build up of electrostatic charge. Wear shoes with conductive soles. No sparking tools should be used. Fight fire with normal precautions from a reasonable distance. Do not process in the same cabin together with highly flammable material (e.g. CN lacquer) => fire hazard through self ignition! Cleaning cloth soaked with the product can self ignite during packing up, therefore dry the cloth on a line or through spreading and dispose of after dry up.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Provide solvent-resistant and impermeable floor. Keep only in the original container in a cool, well ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Hints on storage assembly

Store away from oxidising agents, from strongly alkaline and strongly acid materials.

Storage classes

Storage class according to TRGS 510 13 Non- combustible solids

Further information on storage conditions

Keep away from heat. Protect from sunlight. Keep away from sources of ignition - No smoking. Store in accordance with the particular national regulations.

7.3. Specific end use(s)

See exposure scenario, if available.

8. Exposure controls/personal protection

8.1. Control parameters

Other information

Trade name: glimtrex base colour A white 111002

Version: 22 / DE

Revision: 27.05.2019

Replaces Version: 21 / DE

Print date: 26.03.20

Derived No/Minimal Effect Levels (DNEL/DMEL)

Naphtha (petroleum), hydrotreated heavy

Type of value	Derived No Effect Level (DNEL)	
Reference group	Workers (professional)	
Duration of exposure	Long-term	
Route of exposure	Dermal exposure	
Mode of action	Systemic effects	
Concentration	300	mg/kg/d

Type of value	Derived No Effect Level (DNEL)	
Reference group	Workers (professional)	
Duration of exposure	Long-term	
Route of exposure	inhalative	
Mode of action	Systemic effects	
Concentration	1500	mg/m ³

Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Long-term	
Route of exposure	Dermal exposure	
Mode of action	Systemic effects	
Concentration	300	mg/kg/d

Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Long-term	
Route of exposure	inhalative	
Mode of action	Systemic effects	
Concentration	900	mg/m ³

Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Long-term	
Route of exposure	Oral exposure	
Mode of action	Systemic effects	
Concentration	300	mg/kg/d

8.2. Exposure controls

Exposure controls

Users are advised to consider national Occupational Exposure Limits or other equivalent values. Provide for sufficient ventilation. This can be achieved by local exhaust or general exhaust air collection. Wear a suitable respirator if the ventilation is not sufficient to keep the solvent vapour concentration below the occupational limit values.

Respiratory protection

Respiratory protection not applicable; Use breathing apparatus if exposed to vapours/dust/aerosol. Recommended Filter type: Respiratory protection mask with combination filter A/P2

Hand protection

Protective gloves complying with EN 374.
Glove material

Trade name: glimtrex base colour A white 111002

Version: 22 / DE

Revision: 27.05.2019

Replaces Version: 21 / DE

Print date: 26.03.20

Appropriate Material	Nitrile rubber
Material thickness	>= 0,4 mm
Breakthrough time	>= 30 min

This recommendation is valid only for the product named in this safety data sheet supplied by us, and only for the indicated intended use purposes.

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed.

The breakthrough time must be greater than the end use time of the product.

Gloves should be replaced regularly and if there is any sign of damage to the glove material.

The performance or effectiveness of the glove may be reduced by physical/ chemical damage and poor maintenance.

Eye protection

Wear eye glasses with side protection according to EN 166.

Body protection

Wear suitable protective clothing. Remove contaminated clothing and wash it before reuse. Wash hands before breaks and after work.

9. Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Form	Paste
Colour	white
Odour	characteristic

Odour threshold

Remarks	not determined
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pH value

Remarks	not determined
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Melting point

Remarks	not determined
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Freezing point

Remarks	not determined
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Initial boiling point and boiling range

Remarks	not determined
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Flash point

Value	> 60	°C
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Evaporation rate

Remarks	not determined
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Flammability (solid, gas)

not determined

Upper/lower flammability or explosive limits

Remarks	not determined
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Vapour pressure

Remarks	not determined
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Vapour density

Trade name: glimtrex base colour A white 111002

Version: 22 / DE

Revision: 27.05.2019

Replaces Version: 21 / DE

Print date: 26.03.20

Remarks not determined

Density

Value	appr. 1,772	kg/l
Temperature	20 °C	

Solubility in water

Remarks not determined

Solubility(ies)

Remarks not determined

Partition coefficient: n-octanol/water

Remarks not determined

Ignition temperature

Remarks not determined

Decomposition temperature

Remarks not determined

Viscosity

Remarks not determined

Efflux time

Method not applicable

Explosive properties

evaluation not determined

Oxidising properties

Remarks not determined

9.2. Other information**Non-volatile content**

Value	91,6	%
Method	calculated value	

Other information

This information is not available.

10. Stability and reactivity**10.1. Reactivity**

Stable under recommended storage and handling conditions (see section 7).

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

To avoid thermal decomposition, do not overheat.

10.4. Conditions to avoid

Isolate from sources of heat, sparks and open flame.

10.5. Incompatible materials

Keep away from oxidising agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

Trade name: glimtrex base colour A white 111002

Version: 22 / DE

Revision: 27.05.2019

Replaces Version: 21 / DE

Print date: 26.03.20

10.6. Hazardous decomposition products

Carbon monoxide and carbon dioxide, nitrous oxides (NO_x), dense black smoke, No decomposition if used as prescribed.

11. Toxicological information**11.1. Information on toxicological effects****Acute oral toxicity**

ATE	>	10.000	mg/kg
Method	calculated value (Regulation (EC) No. 1272/2008)		
Remarks	Based on available data, the classification criteria are not met.		

Acute oral toxicity (Components)**cyclohexanone oxime**

Species	rat		
LD50		883	mg/kg

Phthalic anhydride

Species	rat		
LD50		1530	mg/kg
Method	OECD 401		

Acute dermal toxicity

Method	Calculation method (Regulation (EC) No. 1272/2008)
Remarks	Based on available data, the classification criteria are not met.

Acute inhalational toxicity

Method	Calculation method (Regulation (EC) No. 1272/2008)
Remarks	Based on available data, the classification criteria are not met.

Skin corrosion/irritation

Method	Calculation method (Regulation (EC) No. 1272/2008)
Remarks	Based on available data, the classification criteria are not met.

Skin corrosion/irritation (Components)**Phthalic anhydride**

Species	rabbit		
Duration of exposure	24		h
Observation Period	14		d
evaluation	Irritating to skin.		

Serious eye damage/irritation

Method	Calculation method (Regulation (EC) No. 1272/2008)
Remarks	Based on available data, the classification criteria are not met.

Serious eye damage/irritation (Components)**Phthalic anhydride**

Species	rabbit
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Sensitization

Method	Calculation method (Regulation (EC) No. 1272/2008)
Remarks	Based on available data, the classification criteria are not met.

Sensitization (Components)**Phthalic anhydride**

Route of exposure	dermal
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Trade name: glimtrex base colour A white 111002

Version: 22 / DE

Revision: 27.05.2019

Replaces Version: 21 / DE

Print date: 26.03.20

Species evaluation guinea pig
May cause sensitization by skin contact.

Phthalic anhydride

Route of exposure inhalative
Species evaluation guinea pig
May cause sensitization by inhalation.

Mutagenicity

Method Calculation method (Regulation (EC) No. 1272/2008)
Remarks Based on available data, the classification criteria are not met.

Reproductive toxicity

Method Calculation method (Regulation (EC) No. 1272/2008)
Remarks Based on available data, the classification criteria are not met.

Carcinogenicity

Method Calculation method (Regulation (EC) No. 1272/2008)
Remarks Based on available data, the classification criteria are not met.

Specific Target Organ Toxicity (STOT)**Single exposure**

Method Calculation method (Regulation (EC) No. 1272/2008)
Remarks Based on available data, the classification criteria are not met.

Repeated exposure

Remarks Based on available data, the classification criteria are not met.

Specific Target Organ Toxicity (STOT) (Components)**Phthalic anhydride****Specific target organ toxicity - single exposure**

evaluation May cause respiratory irritation.
Organs: Respiratory tract

Aspiration hazard

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

Other information

No toxicological data are available.

12. Ecological information**12.1. Toxicity****General information**

For this subsection there is no ecotoxicological data available on the product as such.

Fish toxicity (Components)**Naphtha (petroleum), hydrotreated heavy**

Species Pimephales promelas (fathead minnow)
LC50 2200 mg/l
Duration of exposure 96 h

Phthalic anhydride

Species Oncorhynchus mykiss (rainbow trout)
NOEC = 10 mg/l
Duration of exposure = 60 d

Phthalic anhydride

Trade name: glimtrex base colour A white 111002

Version: 22 / DE

Revision: 27.05.2019

Replaces Version: 21 / DE

Print date: 26.03.20

Species	zebra fish (Brachydanio rerio)	
	= 560	mg/l
Duration of exposure	= 7 d	

Daphnia toxicity (Components)**Naphtha (petroleum), hydrotreated heavy**

Species	Chaetogammarus marinus	
EC50	2,6	mg/l
Duration of exposure	96 h	

alkanes, C11-14-iso-

Species	Daphnia magna (Water flea)	
EC50	> 1000	mg/l
Duration of exposure	48 h	

Phthalic anhydride

Species	Daphnia magna (Water flea)	
NOEC	= 16	mg/l
Duration of exposure	= 21 d	

Phthalic anhydride

Species	Daphnia magna (Water flea)	
EC50	> 640	mg/l
Duration of exposure	= 48 h	

Algae toxicity (Components)**Phthalic anhydride**

Species	Desmodesmus subspicatus	
NOEC	> 100	mg/l
Duration of exposure	= 72 h	

12.2. Persistence and degradability**General information**

For this subsection there is no ecotoxicological data available on the product as such.

Biodegradability (Components)**alkanes, C11-14-iso-**

evaluation	Not readily biodegradable.
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Phthalic anhydride

Value	= 99	%
Duration of test evaluation	14 d	
	Readily biodegradable.	

12.3. Bioaccumulative potential**General information**

For this subsection there is no ecotoxicological data available on the product as such.

Partition coefficient: n-octanol/water

Remarks	not determined
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12.4. Mobility in soil**General information**

For this subsection there is no ecotoxicological data available on the product as such.

Mobility in soil

no data available

Trade name: glimtrex base colour A white 111002

Version: 22 / DE

Revision: 27.05.2019

Replaces Version: 21 / DE

Print date: 26.03.20

12.5. Results of PBT and vPvB assessment

General information

For this subsection there is no ecotoxicological data available on the product as such.

12.6. Other adverse effects

General information

For this subsection there is no ecotoxicological data available on the product as such.

General information / ecology

For this subsection there is no ecotoxicological data available on the product as such.

13. Disposal considerations

13.1. Waste treatment methods

Disposal recommendations for the product

EWC waste code 080111 - waste paint and varnish containing organic solvents or other dangerous substances

EWC waste code 200127 - paint, inks, adhesives and resins containing dangerous substances

Where possible recycling is preferred to disposal or incineration.

Do not allow to enter drains or waterways.

modified product

EWC waste code 080113 - sludges from paint or varnish containing organic solvents or other dangerous substances

EWC waste code 080115 - aqueous sludges containing paint or varnish containing organic solvents or other dangerous substances

Dried residues

EWC waste code 080112 - waste lacquers and waste paint except those falling under 080111

Disposal recommendations for packaging

EWC waste code 150110 - packaging containing residues of or contaminated by dangerous substances

Completely emptied packagings can be given for recycling.

Germany: KBS system for sheet covering

14. Transport information

	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
14.1. UN number	Not classified as dangerous in the meaning of transport regulations.	Not classified as dangerous in the meaning of sea and air transport regulations.	Not a dangerous substance as defined in the above regulations.

15. Regulatory information

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

Trade name: glimtrex base colour A white 111002

Version: 22 / DE

Revision: 27.05.2019

Replaces Version: 21 / DE

Print date: 26.03.20

Water Hazard Class (Germany)

Water Hazard Class

WGK 1

(Germany)

Remarks

Derivation of WGK according to Annex 1 No. 5.2 AwSV

VOC

VOC (EU)

8,4

%

149

g/l

Other information

All components are contained in the TSCA inventory or exempted.

All components are contained in the IECSC inventory.

15.2. Chemical safety assessment

For this substance / mixture a chemical safety assessment was not carried out.

16. Other information**Hazard statements listed in Chapter 3**

EUH066	Repeated exposure may cause skin dryness or cracking.
H228	Flammable solid.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335	May cause respiratory irritation.
H373.f	May cause damage to organs through prolonged or repeated exposure if inhaled.
H412	Harmful to aquatic life with long lasting effects.
H413	May cause long lasting harmful effects to aquatic life.

CLP categories listed in Chapter 3

Acute Tox. 4	Acute toxicity, Category 4
Aquatic Chronic 3	Hazardous to the aquatic environment, chronic, Category 3
Aquatic Chronic 4	Hazardous to the aquatic environment, chronic, Category 4
Asp. Tox. 1	Aspiration hazard, Category 1
Eye Dam. 1	Serious eye damage, Category 1
Eye Irrit. 2	Eye irritation, Category 2
Flam. Sol. 1	Flammable solid, Category 1
Resp. Sens. 1	Respiratory sensitization, Category 1
Skin Irrit. 2	Skin irritation, Category 2
Skin Sens. 1	Skin sensitization, Category 1
STOT RE 2	Specific target organ toxicity - repeated exposure, Category 2
STOT SE 3	Specific target organ toxicity - single exposure, Category 3

Abbreviations

ADR - Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID - Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG - International Maritime Code for Dangerous Goods

IATA - International Air Transport Association

IATA-DGR - Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

Trade name: glimtrex base colour A white 111002

Version: 22 / DE

Revision: 27.05.2019

Replaces Version: 21 / DE

Print date: 26.03.20

ICAO-TI - Technical Instructions by the "International Civil Aviation Organization" (ICAO)

GHS - Globally Harmonized System of Classification and Labelling of Chemicals

EINECS - European Inventory of Existing Commercial Chemical Substances

CAS - Chemical Abstracts Service (division of the American Chemical Society)

GefStoffV - Gefahrstoffverordnung (Ordinance on Hazardous Substances, Germany)

LOAEL - Lowest Observed Adverse Effect Level

LOEL - Lowest Observed Effect Level

NOAEL - No Observed Adverse Effect Level

NOEC - No Observed Effect Concentration

NOEL - No Observed Effect Level

OECD - Organisation for Economic Cooperation and Development

VOC - Volatile Organic Compounds

Changes since the last version are highlighted in the margin (***). This version replaces all previous versions.

This safety datasheet only contains information relating to safety and does not replace any product information or product specification.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification.

The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

The information contained herein is based on the present state of our knowledge and does therefore not guarantee certain properties.