

Safety data sheet according to 1907/2006/EC, Article 31

Printing date 14.08.2023

Version number 1

Revision: 21.06.2023

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

- **1.1 Product identifier**
- **Trade name:** Clickguard™
- **Article number:** B1020003
- **UFI:** 4EC0-G0MD-M00F-T6FH
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
- **Application of the substance / the mixture** Adhesives
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Kronoflooring GmbH Lampertswalde
Mühlbacher Straße 1 · 01561 Lampertswalde
Tel. +49(0)3522-33 30 · Fax +49(0)3522-33 399
- **Further information obtainable from:**
fon: +49 178 820 91 95
e-mail: t.buenker@kronospan.de
- **1.4 Emergency telephone number:**
Giftnotruf Berlin: fon: ++49-(0)-30-30686 790, guidance in english and german

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**



flame

Flam. Liq. 2 H225 Highly flammable liquid and vapour.



environment

Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.



Skin Irrit. 2 H315 Causes skin irritation.

STOT SE 3 H336 May cause drowsiness or dizziness.

- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**
The product is classified and labelled according to the GB CLP regulation.

(Contd. on page 2)

GB

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 14.08.2023

Version number 1

Revision: 21.06.2023

Trade name: Clickguard™

(Contd. of page 1)

· Hazard pictograms



GHS02 GHS07 GHS09

· Signal word *Danger*

· Hazard-determining components of labelling:

Naphtha (petroleum), hydrotreated light

· Hazard statements

H225 Highly flammable liquid and vapour.

H315 Causes skin irritation.

H336 May cause drowsiness or dizziness.

H411 Toxic to aquatic life with long lasting effects.

· Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P103 Read carefully and follow all instructions.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P240 Ground and bond container and receiving equipment.

P241 Use explosion-proof [electrical/ventilating/lighting] equipment.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· 2.3 Other hazards

· Results of PBT and vPvB assessment

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

· 3.2 Chemical characterisation: Mixtures

· **Description:** Mixture of substances listed below with nonhazardous additions.

· Dangerous components:

EC number: 921-024-6 Reg.nr.: 01-2119471330-49	Naphtha (petroleum), hydrotreated light 	50-100%
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(Contd. on page 3)

Safety data sheet according to 1907/2006/EC, Article 31

Printing date 14.08.2023

Version number 1

Revision: 21.06.2023

Trade name: Clickguard™

(Contd. of page 2)

· **Additional information:**

Remark P: concentration of benzene < 0,1 % (weight)

For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

· **4.1 Description of first aid measures**

· **General information:** Immediately remove any clothing soiled by the product.

· **After inhalation:**

In case of unconsciousness place patient stably in side position for transportation.

· **After skin contact:** Immediately wash with water and soap and rinse thoroughly.

· **After eye contact:** Rinse opened eye for several minutes under running water.

· **After swallowing:** If symptoms persist consult doctor.

· **4.2 Most important symptoms and effects, both acute and delayed**

No further relevant information available.

· **4.3 Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

SECTION 5: Firefighting measures

· **5.1 Extinguishing media**

· **Suitable extinguishing agents:**

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

· **For safety reasons unsuitable extinguishing agents:** Water with full jet

· **5.2 Special hazards arising from the substance or mixture**

No further relevant information available.

· **5.3 Advice for firefighters**

· **Protective equipment:** No special measures required.

SECTION 6: Accidental release measures

· **6.1 Personal precautions, protective equipment and emergency procedures**

Wear protective equipment. Keep unprotected persons away.

· **6.2 Environmental precautions:**

Do not allow product to reach sewage system or any water course.

Inform respective authorities in case of seepage into water course or sewage system.

Do not allow to enter sewers/ surface or ground water.

· **6.3 Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to section 13.

Ensure adequate ventilation.

· **6.4 Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

(Contd. on page 4)

Safety data sheet according to 1907/2006/EC, Article 31

Printing date 14.08.2023

Version number 1

Revision: 21.06.2023

Trade name: Clickguard™

See Section 13 for disposal information.

(Contd. of page 3)

SECTION 7: Handling and storage

· 7.1 Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

· Information about fire - and explosion protection:

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

· 7.2 Conditions for safe storage, including any incompatibilities

· Storage:

· **Requirements to be met by storerooms and receptacles:** Store in a cool location.

· **Information about storage in one common storage facility:** Not required.

· Further information about storage conditions:

Keep container tightly sealed.

Store in cool, dry conditions in well sealed receptacles.

· Storage class: 3

· **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

· 8.1 Control parameters

· **Additional information about design of technical facilities:** No further data; see section 7.

· Ingredients with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

· **Additional information:** The lists valid during the making were used as basis.

· 8.2 Exposure controls

· Personal protective equipment:

· General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Avoid contact with the skin.

Avoid contact with the eyes and skin.

· Respiratory protection:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

· Protection of hands:



Protective gloves

(Contd. on page 5)

GB

Safety data sheet according to 1907/2006/EC, Article 31

Printing date 14.08.2023

Version number 1

Revision: 21.06.2023

Trade name: Clickguard™

(Contd. of page 4)

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· **Material of gloves**

Nitrile rubber, NBR

Recommended thickness of the material: ≥ 0.5 mm

· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:**



Tightly sealed goggles

SECTION 9: Physical and chemical properties

· **9.1 Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

Form: Fluid

Colour: Light beige

· **Odour:** Characteristic

· **Odour threshold:** Not determined.

· **pH-value:** Not determined.

· **Change in condition**

Melting point/freezing point: Undetermined.

Initial boiling point and boiling range: 81 °C

· **Flash point:** -12 °C

· **Flammability (solid, gas):** Highly flammable.

· **Auto-ignition temperature:** 220 °C

· **Decomposition temperature:** Not determined.

· **Ignition temperature:** Product is not selfigniting.

· **Explosive properties:** Product is not explosive. However, formation of explosive air/vapour mixtures are possible.

· **Explosion limits:**

Lower: 0.9 Vol %

Upper: 8 Vol %

· **Vapour pressure at 20 °C:** 60 hPa

(Contd. on page 6)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 14.08.2023

Version number 1

Revision: 21.06.2023

Trade name: Clickguard™

(Contd. of page 5)

- | | |
|--|---|
| <ul style="list-style-type: none"> · Density at 20 °C: · Relative density · Vapour density · Evaporation rate | <p>0.72 g/cm³</p> <p>Not determined.</p> <p>Not determined.</p> <p>Not determined.</p> |
| <ul style="list-style-type: none"> · Solubility in / Miscibility with water: | <p>Not miscible or difficult to mix.</p> |
| <ul style="list-style-type: none"> · Partition coefficient: n-octanol/water: | <p>Not determined.</p> |
| <ul style="list-style-type: none"> · Viscosity: <li style="padding-left: 20px;">Dynamic at 20 °C: <li style="padding-left: 20px;">Kinematic: | <p>4,750 mPas</p> <p>Not determined.</p> |
| <ul style="list-style-type: none"> · 9.2 Other information | <p>No further relevant information available.</p> |

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.

- **LD/LC50 values relevant for classification:**

Naphtha (petroleum), hydrotreated light

Oral	LD50	>5,000 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rabbit)

- **Primary irritant effect:**
- **Skin corrosion/irritation**
Causes skin irritation.
- **Serious eye damage/irritation**
Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation**
Based on available data, the classification criteria are not met.
- **Additional toxicological information:**
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.

(Contd. on page 7)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 14.08.2023

Version number 1

Revision: 21.06.2023

Trade name: Clickguard™

(Contd. of page 6)

- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure**
May cause drowsiness or dizziness.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **Ecotoxicological effects:**
- **Remark:** Toxic for fish
- **Additional ecological information:**
- **General notes:**
Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water
Do not allow product to reach ground water, water course or sewage system.
Danger to drinking water if even small quantities leak into the ground.
Also poisonous for fish and plankton in water bodies.
Toxic for aquatic organisms
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation**
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

SECTION 14: Transport information

- **14.1 UN-Number**
- **ADR, IMDG, IATA** UN1133

(Contd. on page 8)

GB

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 14.08.2023

Version number 1

Revision: 21.06.2023

Trade name: Clickguard™

(Contd. of page 7)

· 14.2 UN proper shipping name

· ADR	1133 ADHESIVES, ENVIRONMENTALLY HAZARDOUS
· IMDG	ADHESIVES, MARINE POLLUTANT
· IATA	ADHESIVES

· 14.3 Transport hazard class(es)
· ADR


· Class	3 (F1) Flammable liquids.
· Label	3

· IMDG


· Class	3 Flammable liquids.
· Label	3

· IATA


· Class	3 Flammable liquids.
· Label	3

· 14.4 Packing group

· ADR, IMDG, IATA	III
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· 14.5 Environmental hazards:	Product contains environmentally hazardous substances: Naphtha (petroleum), hydrotreated light
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· Marine pollutant:	No
	Symbol (fish and tree)

· Special marking (ADR):	Symbol (fish and tree)
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· 14.6 Special precautions for user

· Hazard identification number (Kemler code):	Warning: Flammable liquids.
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· EMS Number:	-
· Stowage Category	F-E, S-D

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(Contd. on page 9)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 14.08.2023

Version number 1

Revision: 21.06.2023

Trade name: Clickguard™

(Contd. of page 8)

· 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code		Not applicable.
· Transport/Additional information:		

· ADR		
· Limited quantities (LQ)	5L	
· Excepted quantities (EQ)	Code: E1	
	Maximum net quantity per inner packaging:	30 ml
	Maximum net quantity per outer packaging:	1000 ml
· Transport category	3	
· Tunnel restriction code	E	

· IMDG		
· Limited quantities (LQ)	5L	
· Excepted quantities (EQ)	Code: E1	
	Maximum net quantity per inner packaging:	30 ml
	Maximum net quantity per outer packaging:	1000 ml
· UN "Model Regulation":	UN 1133 ADHESIVES, 3, III, ENVIRONMENTALLY HAZARDOUS	

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **Seveso category**
E2 Hazardous to the Aquatic Environment
P5c FLAMMABLE LIQUIDS
- **Qualifying quantity (tonnes) for the application of lower-tier requirements** 200 t
- **Qualifying quantity (tonnes) for the application of upper-tier requirements** 500 t
- **15.2 Chemical safety assessment:**
A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

(Contd. on page 10)

GB

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 14.08.2023

Version number 1

Revision: 21.06.2023

Trade name: Clickguard™

(Contd. of page 9)

· **Relevant phrases**

- H225 Highly flammable liquid and vapour.
- H304 May be fatal if swallowed and enters airways.
- H315 Causes skin irritation.
- H336 May cause drowsiness or dizziness.
- H411 Toxic to aquatic life with long lasting effects.

· **Department issuing SDS:** Abteilung Produktsicherheit

· **Contact:** Dr. Dirk Buchholz

· **Abbreviations and acronyms:**

- RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
- ICAO: International Civil Aviation Organisation
- ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
- IMDG: International Maritime Code for Dangerous Goods
- IATA: International Air Transport Association
- GHS: Globally Harmonised System of Classification and Labelling of Chemicals
- EINECS: European Inventory of Existing Commercial Chemical Substances
- ELINCS: European List of Notified Chemical Substances
- CAS: Chemical Abstracts Service (division of the American Chemical Society)
- LC50: Lethal concentration, 50 percent
- LD50: Lethal dose, 50 percent
- PBT: Persistent, Bioaccumulative and Toxic
- vPvB: very Persistent and very Bioaccumulative
- Flam. Liq. 2: Flammable liquids – Category 2
- Skin Irrit. 2: Skin corrosion/irritation – Category 2
- STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
- Asp. Tox. 1: Aspiration hazard – Category 1
- Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

· *** Data compared to the previous version altered.**

GB