

**Safety Data Sheet**  
according to Regulation (EC) No. 1907/2006 (REACH)  
according to Regulation (EU) 2015/830



Article No.: 1041XX glimtrex wood-opaque-colour  
Print date: 10.11.2016 Revision date: 28.10.2016  
Version: 14.8 Issue date: 28.10.2016

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

**1.1. product identifiers**

Article No. (manufacturer/supplier) 1041XX  
Identification of the substance or mixture glimtrex Holzdeckfarbe

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

**Relevant identified uses**

paint  
coating material

**1.3. Details of the supplier of the safety data sheet**

**supplier (manufacturer/importer/downstream user/distributor)**

glimtrex GmbH  
Orkotten 68  
48291 Telgte / Deutschland  
Germany  
Telephone: +49 (0) 2504 - 88887-111  
Telefax: +49 (0) 2504 - 88887-112  
info@glimtrex.de  
www.glimtrex.de

**Dept. responsible for information:**

Sale +49 (0) 2504 - 88887-111  
E-mail (competent person) info@glimtrex.de

**1.4. Emergency telephone number**

poison control centre berlin (24 h) +49 (0) 30 30686700

**SECTION 2: Hazards identification**

**2.1. Classification of the substance or mixture**

**Classification according to Regulation (EC) No 1272/2008 [CLP]**

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

**2.2. Label elements**

**Labelling according to Regulation (EC) No. 1272/2008 [CLP]**

**Hazard pictograms**

**Hazard statements**

not applicable

**Precautionary statements**

P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of the reach of children.  
P103 Read label before use.

**contains:**

not applicable

**Supplemental Hazard information (EU)**

EUH208 Contains Cobalt bis (2-ethylhexanoate). May produce an allergic reaction.  
EUH210 Safety data sheet available on request.

**2.3. Other hazards**

**SECTION 3: Composition / information on ingredients**

**3.2. Mixtures**

**Product description / chemical characterization**

**Description** Solvent-borne paints

**Hazardous ingredients**

**Classification according to Regulation (EC) No 1272/2008 [CLP]**

EC No.	REACH No.	Wt %
CAS No.	Chemical name	
INDEX No.	classification: // Remark	

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918-481-9	01-2119457273-39	
64742-48-9	hydrocarbons, C10-C13, n-alkane, iso-alkane, cyclic compound, < 2 %	25 - 35
649-327-00-6	aromatics Asp. Tox. 1 H304	
205-250-6	01-2119524678-29-XXXX	
136-52-7	Cobalt bis (2-ethylhexanoate) Eye Irrit. 2 H319 / Skin Sens. 1 H317 / Repr. 2 H361 / Aquatic Acute 1 H400 / Aquatic Chronic 3 H412	0,1 - 0,15
245-018-1	01-2119979088-21	
22464-99-9	2-ethylhexanoic acid, zirconium Repr. 2 H361	0,1 - 0,15

**Additional information**

Full text of classification: see section 16

**SECTION 4: First aid measures**

**4.1. Description of first aid measures**

**General information**

In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness give nothing by mouth, place in recovery position and seek medical advice.

**In case of inhalation**

Remove casualty to fresh air and keep warm and at rest. In case of irregular breathing or respiratory arrest provide artificial respiration.

**Following skin contact**

Take off immediately all contaminated clothing. After contact with skin, wash immediately with plenty of water and soap. Do not use solvents or thinners.

**After eye contact**

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical advice immediately.

**After ingestion**

If swallowed, rinse mouth with water (only if the person is conscious). Seek medical advice immediately. Keep victim calm. Do NOT induce vomiting.

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

In all cases of doubt, or when symptoms persist, seek medical advice.

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

**SECTION 5: Firefighting measures**

**5.1. Extinguishing media**

**Suitable extinguishing media:**

alcohol resistant foam, carbon dioxide, Powder, spray mist, (water)

**Extinguishing media which must not be used for safety reasons:**

strong water jet

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

Dense black smoke occurs during fire. Inhaling hazardous decomposing products can cause serious health damage.

**5.3. Advice for firefighters**

Provide a conveniently located respiratory protective device. Cool closed containers that are near the source of the fire. Do not allow water used to extinguish fire to enter drains, ground or waterways.

**SECTION 6: Accidental release measures**

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

Ventilate affected area. Do not breathe vapours. See protective measures under point 7 and 8.

**6.2. Environmental precautions**

Do not allow to enter into surface water or drains. If the product contaminates lakes, rivers or sewages, inform competent authorities in accordance with local regulations.

**6.3. Methods and material for containment and cleaning up**

Isolate leaked material using non-flammable absorption agent (e.g. sand, earth, vermiculit, diatomaceous earth) and collect it

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for disposal in appropriate containers in accordance with the local regulations (see section 13). Clean using cleansing agents. Do not use solvents.

**6.4. Reference to other sections**

Observe protective provisions (see chapter 7 and 8).

**SECTION 7: Handling and storage**

**7.1. Precautions for safe handling**

**Advices on safe handling**

Avoid contact with skin, eyes and clothes. Avoid respiration of swarf. When using do not eat, drink or smoke. Personal protection equipment: refer to section 8. Do not empty containers with pressure - no pressure vessel! Always keep in containers that correspond to the material of the original container. Follow the legal protection and safety regulations.

**7.2. Conditions for safe storage, including any incompatibilities**

**Requirements for storage rooms and vessels**

Storage in accordance with the Ordinance on Industrial Safety and Health (BetrSiVO). Keep container tightly closed. Do not empty containers with pressure - no pressure vessel! Smoking is forbidden. Access only for authorised persons. Store carefully closed containers upright to prevent any leaks. Soils have to conform to the "Guidelines for avoidance of ignition hazards due to electrostatic charges (TRBS 2153)".

**Hints on joint storage**

Keep away from strongly acidic and alkaline materials as well as oxidizers.

**Further information on storage conditions**

Take care of instructions on label. Store in a well-ventilated and dry room at temperatures between 15 °C and 30 °C. Protect from heat and direct sunlight. Keep container tightly closed. Remove all sources of ignition. Smoking is forbidden. Access only for authorised persons. Store carefully closed containers upright to prevent any leaks.

**7.3. Specific end use(s)**

Observe technical data sheet. Observe instructions for use.

**SECTION 8: Exposure controls/personal protection**

**8.1. Control parameters**

**Occupational exposure limit values:**

Cobalt bis (2-ethylhexanoate)

EC No. 205-250-6 / CAS No. 136-52-7

TWA: 0,1 mg/m<sup>3</sup>

2-ethylhexanoic acid, zirconium

EC No. 245-018-1 / CAS No. 22464-99-9

TWA: 5 mg/m<sup>3</sup>

STEL: 10 mg/m<sup>3</sup>

**Additional information**

TWA : long-term occupational exposure limit value

STEL : short-term occupational exposure limit value

Ceiling : peak limitation

**DNEL:**

Cobalt bis (2-ethylhexanoate)

EC No. 205-250-6 / CAS No. 136-52-7

DNEL long-term inhalative (systemic), Workers: 0,2351 mg/m<sup>3</sup>

DNEL long-term oral (repeated), Consumer: 0,0558 mg/kg

DNEL long-term inhalative (systemic), Consumer: 0,037 mg/m<sup>3</sup>

No data available

2-ethylhexanoic acid, zirconium

EC No. 245-018-1 / CAS No. 22464-99-9

DNEL long-term dermal (systemic), Workers: 15,75 mg/kg

**PNEC:**

Cobalt bis (2-ethylhexanoate)

EC No. 205-250-6 / CAS No. 136-52-7

PNEC aquatic, freshwater: 0,0005 mg/l

PNEC sediment, marine water: 9,5 mg/kg

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PNEC, Soil: 7,9 mg/kg  
PNEC sewage treatment plant (STP): 0,37 mg/l

2-ethylhexanoic acid, zirconium  
EC No. 245-018-1 CAS No. 22464-99-9  
PNEC aquatic, freshwater: 0,36 mg/l  
PNEC aquatic, marine water:  
PNEC sediment, marine water:

**8.2. Exposure controls**

Provide good ventilation. This can be achieved with local or room suction. If this should not be sufficient to keep aerosol and solvent vapour concentration below the exposure limit values, a suitable respiratory protection must be used.

**Occupational exposure controls**

**Respiratory protection**

If concentration of solvents is beyond the occupational exposure limit values, approved and suitable respiratory protection must be used. Observe the wear time limits according GefStoffV in combination with the rules for using respiratory protection apparatus (BGR 190). Use only respiratory protection equipment with CE-symbol including four digit test number.

**Hand protection**

For prolonged or repeated handling the following glove material must be used: e.g. Nitrile (according to DIN EN 374)

Thickness of the glove material > 0,4 mm ; Breakthrough time (maximum wearing time) > 480 min.

Observe the instructions and details for use, storage, maintenance and replacement provided by the protective glove manufacturer. Penetration time of glove material depending on intensity and duration of exposure to skin. Recommended glove articles DIN EN 374

Barrier creams can help protecting exposed skin areas. In no case should they be used after contact.

**Eye protection**

Wear closely fitting protective glasses in case of splashes.

**Protective clothing**

Wear antistatic clothing of natural fibers (cotton) or heat resistant synthetic fibers.

**Protective measures**

After contact clean skin thoroughly with water and soap or use appropriate cleanser.

**Environmental exposure controls**

Do not allow to enter into surface water or drains. See chapter 7. No additional measures necessary.

**SECTION 9: Physical and chemical properties**

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

**Appearance:**

**Physical state:** liquid  
**Colour:** refer to label

**Odour:** characteristic

**Odour threshold:** not applicable

**pH at 20 °C:** not applicable

**Melting point/freezing point:** not applicable

**Initial boiling point and boiling range:** 136 °C  
Method: DIN 53171  
Source: ethylbenzene

**Flash point:** > 61 °C

**Evaporation rate:** not applicable

**Flammability (solid, gas):**  
**burning time (s):** not applicable

**Upper/lower flammability or explosive limits:**

**Lower explosion limit:** 0,6 Vol-%  
Method: calculated  
Source: hydrocarbons, C10-C13, n-alkane, iso-alkane, cyclic compound, < 2 % aromatics  
**Upper explosion limit:** 7 Vol-%  
Method: calculated  
Source: hydrocarbons, C10-C13, n-alkane, iso-alkane, cyclic compound, <

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	2 % aromatics
<b>Vapour pressure at 20 °C:</b>	<b>not applicable</b>
<b>Vapour density:</b>	<b>not applicable</b>
<b>Relative density:</b>	
<b>Density at 20 °C:</b>	<b>1,009 g/cm³</b> Method: DIN 53217
<b>Solubility(ies):</b>	
<b>Water solubility (g/L) at 20 °C:</b>	<b>insoluble</b>
<b>Partition coefficient: n-octanol/water:</b>	<b>see section 12</b>
<b>Auto-ignition temperature:</b>	<b>240 °C</b> Method: calculated Source: hydrocarbons, C10-C13, n-alkane, iso-alkane, cyclic compound, < 2 % aromatics
<b>Decomposition temperature:</b>	<b>not applicable</b>
<b>Viscosity at 40 °C:</b>	<b>155 mm²/s</b> Method: kinematisch
<b>Explosive properties:</b>	<b>not applicable</b>
<b>Oxidising properties:</b>	<b>not applicable</b>
9.2. <b>Other information</b>	
<b>Solid content (%):</b>	<b>66 Wt %</b>
<b>solvent content:</b>	
<b>Organic solvents:</b>	<b>34 Wt %</b>
<b>Water:</b>	<b>0 Wt %</b>

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

### 10.2. Chemical stability

Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to chapter 7.

### 10.3. Possibility of hazardous reactions

Keep away from strong acids, strong bases and strong oxidizing agents to avoid exothermic reactions.

### 10.4. Conditions to avoid

Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to chapter 7. Hazardous decomposition byproducts may form with exposure to high temperatures.

### 10.5. Incompatible materials

### 10.6. Hazardous decomposition products

Hazardous decomposition byproducts may form with exposure to high temperatures, e.g.: carbon dioxide, carbon monoxide, smoke, nitrogen oxides.

## SECTION 11: Toxicological information

Classification according to Regulation (EC) No 1272/2008 [CLP]

No data on preparation itself available.

### 11.1. Information on toxicological effects

#### Acute toxicity

Cobalt bis (2-ethylhexanoate)  
oral, LD50, Rat:

hydrocarbons, C10-C13, n-alkane, iso-alkane, cyclic compound, < 2 % aromatics  
inhalative (vapours), LC50, Rat: > 20 mg/l (4 h)

#### skin corrosion/irritation; Serious eye damage/eye irritation

Cobalt bis (2-ethylhexanoate)  
Skin (4 h)  
eyes

#### Respiratory or skin sensitisation

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Cobalt bis (2-ethylhexanoate)  
Skin:

**CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**

Cobalt bis (2-ethylhexanoate)  
Reproductive toxicity  
2-ethylhexanoic acid, zirconium  
Reproductive toxicity

**Specific target organ toxicity**

Cobalt bis (2-ethylhexanoate)  
Specific target organ toxicity (single exposure), Irritation:

**Aspiration hazard**

Toxicological data are not available.

**Practical experience/human evidence**

Other observations:

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and/or absorption through skin. Splashing may cause eye irritation and reversible damage.

**Overall Assessment on CMR properties**

The ingredients in this mixture do not meet the criteria for classification as CMR category 1A or 1B according to CLP.

**SECTION 12: Ecological information**

**overall evaluation**

Classification according to Regulation (EC) No 1272/2008 [CLP]

There is no information available on the preparation itself .

Do not allow to enter into surface water or drains.

**12.1. Toxicity**

Cobalt bis (2-ethylhexanoate)  
Fish toxicity, LC50: 0,1 - 1 mg/l (96 h)  
Daphnia toxicity, EC50: 0,1 - 1 mg/l (48 h)  
Algae toxicity, ErC50, Algae: 0,1 - 1 mg/l  
hydrocarbons, C10-C13, n-alkane, iso-alkane, cyclic compound, < 2 % aromatics  
Fish toxicity, LC50: > 1000 mg/l (96 h)  
Daphnia toxicity, EC50: > 1000 mg/l (48 h)  
Algae toxicity, ErC50: > 1000 mg/l

**Long-term Ecotoxicity**

Cobalt bis (2-ethylhexanoate)  
Fish toxicity, LC50: (96 h)  
Daphnia toxicity, EC50: (48 h)  
Algae toxicity, ErC50:

**12.2. Persistence and degradability**

Toxicological data are not available.

**12.3. Bioaccumulative potential**

Toxicological data are not available.

**Bioconcentration factor (BCF)**

Toxicological data are not available.

**12.4. Mobility in soil**

Toxicological data are not available.

**12.5. Results of PBT and vPvB assessment**

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

**12.6. Other adverse effects**

**SECTION 13: Disposal considerations**

**13.1. Waste treatment methods**

**Appropriate disposal / Product**



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**Recommendation**

Do not allow to enter into surface water or drains. This material and its container must be disposed of in a safe way. Waste disposal according to directive 2008/98/EC, covering waste and dangerous waste.

**List of proposed waste codes/waste designations in accordance with EWC**

080112 waste paint and varnish other than those mentioned in 080111

**packaging**

**Recommendation**

Non-contaminated packages may be recycled. Vessels not properly emptied are special waste.

**SECTION 14: Transport information**

This mixture is not classified as dangerous according to international transport regulations (ADR/RID, IMDG, ICAO/IATA).

No dangerous good in sense of this transport regulation.

**14.1. UN number**

not applicable

**14.2. UN proper shipping name**

**14.3. Transport hazard class(es)**

not applicable

**14.4. Packing group**

not applicable

**14.5. Environmental hazards**

Land transport (ADR/RID)

not applicable

Marine pollutant

not applicable

**14.6. Special precautions for user**

Transport always in closed, upright and safe containers. Make sure that persons transporting the product know what to do in case of an accident or leakage.

Advices on safe handling: see parts 6 - 8

**Further information**

**Land transport (ADR/RID)**

tunnel restriction code

-

**Sea transport (IMDG)**

EmS-No.

not applicable

**Air transport (ICAO-TI / IATA-DGR)**

**14.7. Transport in bulk according to Annex II of Marpol and the IBC Code**

not applicable

**SECTION 15: Regulatory information**

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

**EU legislation**

**Directive 2010/75/EU on industrial emissions**

VOC-value (in g/L): 347

**Directive 2004/42/EC on the limitation of emissions of volatile organic compounds**

VOC product category: (Cat. A/e) ; VOC limit value: 400 g/l

Maximum VOC content (g/L) of the product in a ready to use condition: 347

**National regulations**

**Restrictions of occupation**

Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.

Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).

**15.2. Chemical Safety Assessment**

For the following substances of this preparation a chemical safety assessment has been carried out:

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EC No. CAS No.	Chemical name	REACH No.
918-481-9 64742-48-9	hydrocarbons, C10-C13, n-alkane, iso-alkane, cyclic compound, < 2 % aromatics	01-2119457273-39
205-250-6 136-52-7	Cobalt bis (2-ethylhexanoate)	01-2119524678-29-XXXX
245-018-1 22464-99-9	2-ethylhexanoic acid, zirconium	01-2119979088-21

## SECTION 16: Other information

### Full text of classification in section 3:

Asp. Tox. 1 / H304	Aspiration hazard	May be fatal if swallowed and enters airways.
Eye Irrit. 2 / H319	Serious eye damage/eye irritation	Causes serious eye irritation.
Skin Sens. 1 / H317	Respiratory or skin sensitisation	May cause an allergic skin reaction. Suspected of damaging fertility or the unborn child (state specific effect if known) (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).
Repr. 2 / H361	Reproductive toxicity	
Aquatic Acute 1 / H400	Hazardous to the aquatic environment	Very toxic to aquatic organisms.
Aquatic Chronic 3 / H412	Hazardous to the aquatic environment	Harmful to aquatic life with long lasting effects.

### Abbreviations and acronyms

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

### Further information

Classification according to Regulation (EC) No 1272/2008 [CLP]

The information supplied on this safety data sheet complies with our current level of knowledge as well as with national and EU regulations. Without written approval, the product must not be used for purposes different from those mentioned in chapter 1. It is always the user's duty to take any necessary measures for meeting the requirements laid down by local rules and regulations. The details in this safety data sheet describe the safety requirements of our product and are not to be regarded as guaranteed attributes of the product.