



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

Printing date 26.11.2021

Version number 13.0 (replaces version 12.0)

Revision: 26.11.2021

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

- **1.1 Product identifier**
- **Trade name: KEIM MX GLAZE CLEAR (CURE)**
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
- **Application of the substance / the mixture** Glaze
- **Uses advised against** Not suitable for use in do-it-yourself applications.
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
KEIM MINERAL PAINTS LTD
Santok Building / Deer Park Way, Donnington Wood GB-Telford, Shropshire TF2 7NA
Tel +44 1952 231 250 / Fax +44 1952 231 251
www.keim.com / sales@keimpaints.co.uk
- **Further information obtainable from:**
David Pratt
Telefon: +44 1952 231250
E-Mail: sales@keimpaints.co.uk
- **1.4 Emergency telephone number:**
GBK GmbH Global Regulatory Compliance
Emergency number: +49(0)6132/84463

SECTION 2: Hazards identification

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

| | | |
|-------------------|--------|---|
| Flam. Liq. 3 | H226 | Flammable liquid and vapour. |
| Skin Corr. 1B | H314 | Causes severe skin burns and eye damage. |
| Eye Dam. 1 | H318 | Causes serious eye damage. |
| Skin Sens. 1 | H317 | May cause an allergic skin reaction. |
| Muta. 2 | H341 | Suspected of causing genetic defects. |
| Repr. 1B | H360FD | May damage fertility. May damage the unborn child. |
| STOT SE 2 | H371 | May cause damage to organs. |
| STOT RE 2 | H373 | May cause damage to the immune system through prolonged or repeated exposure. |
| Aquatic Chronic 2 | H411 | Toxic to aquatic life with long lasting effects. |

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



GHS02 GHS05 GHS07 GHS08 GHS09

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Signal word Danger**Hazard-determining components of labelling:**3-aminopropyltriethoxysilane
dibutylbis(pentane-2,4-dionato-O,O')tin**Hazard statements**

- H226 Flammable liquid and vapour.
H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction.
H341 Suspected of causing genetic defects.
H360FD May damage fertility. May damage the unborn child.
H371 May cause damage to organs.
H373 May cause damage to the immune system through prolonged or repeated exposure.
H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P260 Do not breathe mist/vapors/spray.
P273 Avoid release to the environment.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P315 Get immediate medical advice/attention.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P301+P310 IF SWALLOWED: Immediately call a doctor.
P308+P313 IF exposed or concerned: Get medical advice/attention.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P501 Dispose of contents/container in accordance with regional/national regulations.

Additional information:

Restricted to professional users.

2.3 Other hazards**Results of PBT and vPvB assessment**

- PBT:** Not applicable
- vPvB:** Not applicable

SECTION 3: Composition/information on ingredients**3.2 Mixtures****Description:** Mixture of substances listed below with nonhazardous additions.**Dangerous components:**

| | | |
|---|---|----------|
| CAS: 919-30-2 EINECS: 213-048-4 Index number: 612-108-00-0 Reg.nr.: 01-2119480479-24 | 3-aminopropyltriethoxysilane Skin Corr. 1B, H314; Eye Dam. 1, H318; Acute Tox. 4, H302; Skin Sens. 1, H317 | ≥50-≤71% |
|---|---|----------|

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| | | |
|---|---|----------|
| CAS: 13822-56-5 EINECS: 237-511-5 Reg.nr.: 01-2119510159-45 | 3-(trimethoxysilyl)propylamine ☠ Eye Dam. 1, H318; ⚠ Skin Irrit. 2, H315 | ≥25-≤50% |
| CAS: 22673-19-4 EINECS: 245-152-0 Index number: 650-056-00-0 Reg.nr.: 01-2119557817-24 | dibutylbis(pentane-2,4-dionato-O,O')tin ☠ Muta. 2, H341; Repr. 1B, H360FD; STOT SE 1, H370; STOT RE 1, H372; ☠ Skin Corr. 1C, H314; Eye Dam. 1, H318; ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410; ⚠ Acute Tox. 4, H302; Skin Sens. 1, H317 | ≥5-≤7.7% |

SVHC

22673-19-4 dibutylbis(pentane-2,4-dionato-O,O')tin

Additional information: 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:**

With appearance of symptoms or in cases of doubt seek medical advice .

Immediately remove any clothing soiled by the product.

When seeing the doctor we suggest to present this safety data sheet.

After inhalation: Supply fresh air; consult doctor in case of complaints.**After skin contact:**

Immediately wash with water and soap and rinse thoroughly.

Do not use solvents or thinners.

If skin irritation continues, consult a doctor.

After eye contact:

Rinse opened eye for several minutes under running water. Then consult a doctor.

After swallowing:

Rinse mouth and throat well with water.

Do not induce vomiting; call for medical help immediately.

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 fire with alcohol resistant foam.**For safety reasons unsuitable extinguishing agents:** Water with full jet**5.2 Special hazards arising from the substance or mixture**

In case of fire, thick, black smoke develops. Inhalation of the dangerous decomposition products may cause serious health damages.

In a fire or if heated, a pressure increase will occur and the container may burst. This material is harmful to aquatic life with long lasting effects. Fire water contaminated

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with this material must be contained and prevented from being discharged to any waterway, sewer or drain.

In case of fire, the following can be released:

carbon oxide (CO_x)

Nitrogen oxides (NO_x)

Metal oxides

Formaldehyde

· **5.3 Advice for firefighters**

· **Specila protective equipment:**

Wear fully protective suit.

Wear self-contained respiratory protective device.

· **Additional information**

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

Cool endangered receptacles with water spray.

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

In case of fire do not breathe smoke, fumes and vapours.

SECTION 6: Accidental release measures

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

Avoid contact with skin and eyes.

Ensure adequate ventilation

Do not inhale fumes.

Wear protective equipment. Keep unprotected people away.

· **6.2 Environmental precautions:**

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

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

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

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

Dispose of the material collected according to regulations.

Clear contaminated areas thoroughly.

Flush rests with sufficient amount of water.

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.

See Section 13 for disposal information.

SECTION 7: Handling and storage

· **7.1 Precautions for safe handling**

Avoid contact with skin and eyes.

Ensure good ventilation/exhaustion at the workplace.

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Prevent formation of aerosols.

See item 8 (8.2) for information about suitable protective equipment and technical precautions.

Respect the protection rules.

· **Information about fire - and explosion protection:**

Cool endangered receptacles with water spray.

Fumes can combine with air to form an explosive mixture.

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

· **Storage:**

· **Requirements to be met by storerooms and receptacles:**

Keep container tightly closed. Do not empty container under pressure, non-pressure vessel! Close opened containers carefully and store upright, to prevent any leakage.

Keep in the original containers in a cool and dry place.

· **Information about storage in one common storage facility:**

Store away from oxidising agents.

Store away from flammable substances.

· **Further information about storage conditions:**

Store at temperatures between 0 °C and 35 °C.

Protect from heat and direct sunlight.

Protect from frost.

· **Storage class: 3**

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

SECTION 8: Exposure controls/personal protection

· **8.1 Control parameters**

· **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.

· **DNELs**

919-30-2 3-aminopropyltriethoxysilane

| | | |
|------------|------------------------------|--|
| Dermal | Long-term - systemic effects | 5 mg/kg bw/day (consumer) 8.3 mg/kg bw/day (worker) |
| | Acute - systemic effects | 5 mg/kg/day (consumer) 8.3 mg/kg/day (worker) |
| Inhalative | Acute - systemic effects | 17.4 mg/m ³ (consumer) 59 mg/m ³ (worker) |
| | Long-term - systemic effects | 17.4 mg/m ³ (consumer) 59 mg/m ³ (worker) |

13822-56-5 3-(trimethoxysilyl)propylamine

| | | |
|--------|------------------------------|--|
| Oral | Long-term - systemic effects | 5 mg/kg bw/day (consumer) |
| Dermal | Long-term - systemic effects | 5 mg/kg bw/day (consumer) 8.3 mg/kg bw/day (worker) |
| | Long-term - systemic effects | 17 mg/m ³ (consumer) |

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| | | 58 mg/m ³ (worker) |
|---|---------------------------------|------------------------------------|
| 22673-19-4 dibutylbis(pentane-2,4-dionato-O,O')tin | | |
| Oral | Long-term - systemic effects | 0.002 mg/kg bw/day (consumer) |
| | Acute - local effects | 0.01 mg/kg/day (consumer) |
| | Acute - systemic effects | 0.01 mg/kg/day (consumer) |
| Dermal | Long-term - systemic effects | 0.08 mg/kg bw/day (consumer) |
| | | 0.2 mg/kg bw/day (worker) |
| | Acute - systemic effects | 0.5 mg/kg/day (consumer) |
| Inhalative | | 1 mg/kg/day (worker) |
| | Acute - systemic effects | 0.02 mg/m ³ (consumer) |
| | | 0.07 mg/m ³ (worker) |
| | Long-term - systemic effects | 0.003 mg/m ³ (consumer) |
| | 0.01 mg/m ³ (worker) | |

· PNECs**919-30-2 3-aminopropyltriethoxysilane**

| | |
|--|---|
| Aquatic compartment - freshwater | 0.33 mg/l (freshwater) |
| Aquatic compartment - marine water | 0.033 mg/l (marine water) |
| Aquatic compartment - sediment in freshwater | 1.2 mg/kg sed dw (sediment fresh water) |
| Aquatic compartment - sediment in marine water | 0.12 mg/kg sed dw (sediment marine water) |
| Terrestrial compartment - soil | 0.05 mg/kg dw (soil) |
| Sewage treatment plant | 13 mg/l (sewage treatment plant) |

· Additional information: The lists valid during the making were used as basis.**· 8.2 Exposure controls****· Individual protection measures, such as 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.
- Do not inhale gases / fumes / aerosols.
- Avoid contact with the eyes and skin.
- Do not inhale aerosols.

· Respiratory protection:

Wear a respirator conforming to EN140.

Filter type:

organic vapour (Type A)

particulate filter P3

· Hand protection Protective gloves**· Material of gloves**

suitable material e.g.:

Nitrile rubber, NBR

Neoprene gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore

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to be checked prior to the application.

Penetration time of glove material

When prolonged or frequently repeated contact may occur, a glove with a protection class of 6 (breakthrough time greater than 480 minutes according to EN 374) is recommended.

When only brief contact is expected, a glove with a protection class of 2 or higher (breakthrough time greater than 30 minutes according to EN 374) is recommended.

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

Eye/face protection

Chemical splash goggles and face shield. Use eye protection according to EN 166.

Body protection:

Impervious protective clothing

After contact with skin wash thoroughly with water and apply lotion.

Refer to European Standard EN 1149 for further information on material and design requirements and test methods.

Environmental exposure controls

See Section 12 and 6.2

No further relevant information available.

SECTION 9: Physical and chemical properties

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

| | |
|---|-----------------------------|
| · Colour: | Colourless |
| · Odour: | Amine-like |
| · Odour threshold: | Not determined |
| · Melting point/freezing point: | Not determined |
| · Boiling point or initial boiling point and boiling range | >37.8 °C |
| · Flammability | Not applicable |
| · Flash point: | 56 °C (Closed Cup) |
| · Auto-ignition temperature: | 295 °C (CAS: 13822-56-5) |
| · Decomposition temperature: | Not determined |
| · pH | Not determined |
| · Viscosity: | |
| · Kinematic viscosity at 40 °C | >21 mm ² /s |
| · Dynamic at 20 °C: | 30-<40 s (ISO 6mm) |
| · Solubility | |
| · water: | Insoluble |
| · Partition coefficient n-octanol/water (log value) | Not determined. |
| · Vapour pressure at 20 °C: | 0.019 kPa (CAS: 13822-56-5) |
| · Density and/or relative density | |
| · Density: | Not determined |
| · Relative density at 20 °C | 0.98 |

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| | |
|--|---|
| · Vapour density | Not determined. |
| · 9.2 Other information | |
| · Appearance: | |
| · Form: | Fluid |
| · Important information on protection of health and environment, and on safety. | |
| · Ignition temperature: | Not determined |
| · Explosive properties: | Product does not present an explosion hazard. |
| · Change in condition | |
| · Softening point/range | |
| · Oxidising properties: | Not applicable |
| · Evaporation rate | Not determined. |
| · Information with regard to physical hazard classes | |
| · Explosives | Void |
| · Flammable gases | Void |
| · Aerosols | Void |
| · Oxidising gases | Void |
| · Gases under pressure | Void |
| · Flammable liquids | |
| Flammable liquid and vapour. | |
| · Flammable solids | Void |
| · Self-reactive substances and mixtures | Void |
| · Pyrophoric liquids | Void |
| · Pyrophoric solids | Void |
| · Self-heating substances and mixtures | Void |
| · Substances and mixtures, which emit flammable gases in contact with water | Void |
| · Oxidising liquids | Void |
| · Oxidising solids | Void |
| · Organic peroxides | Void |
| · Corrosive to metals | Void |
| · Desensitised explosives | Void |

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability** Stable under normal conditions of storage and use.
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** Develops corrosive gases/fumes.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.

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- **10.6 Hazardous decomposition products:**
No hazardous decomposition products if stored and handled as prescribed.

SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** Based on available data, the classification criteria are not met.

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

| | | |
|--|---------|------------------------|
| | ATE mix | 2,254.3 mg/kg (orally) |
|--|---------|------------------------|

919-30-2 3-aminopropyltriethoxysilane

| | | |
|------------|----------|----------------------|
| Oral | LD50 | 1,570 mg/kg (rat) |
| Dermal | LD50 | 4,000 mg/kg (rabbit) |
| Inhalative | LC50/4 h | >7.35 mg/l (rat) |

13822-56-5 3-(trimethoxysilyl)propylamine

| | | |
|--------|------|-----------------------|
| Oral | LD50 | 3,010 mg/kg (rat) |
| Dermal | LD50 | 11,460 mg/kg (rabbit) |

22673-19-4 dibutylbis(pentane-2,4-dionato-O,O')tin

| | | |
|--------|------|--------------------|
| Oral | LD50 | 1,864 mg/kg (rat) |
| Dermal | LD50 | >2,000 mg/kg (rat) |

- **Skin corrosion/irritation**

Adverse symptoms may include the following:
pain or irritation
redness
blistering may occur
reduced foetal weight
increase in foetal deaths
skeletal malformations

- **Serious eye damage/irritation**

Adverse symptoms may include the following:
pain
lacrimation
redness

- **during inhalation:**

Irritant effect possible.
Exposure to decomposition products may cause a health hazard.
Adverse symptoms may include the following:
reduced foetal weight
increase in foetal deaths
skeletal malformations

- **during swallowing:**

harmful
May cause burns to mouth, throat and stomach
Adverse symptoms may include the following:
stomach pains
reduced foetal weight

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increase in foetal deaths
skeletal malformations

Respiratory or skin sensitisation

Contains 3-aminopropyltriethoxysilane, dibutylbis(pentane-2,4-dionato-O,O')tin.

Germ cell mutagenicity

Suspected of causing genetic defects.

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

Reproductive toxicity

May damage fertility. May damage the unborn child.

STOT-single exposure

May cause damage to organs.

STOT-repeated exposure

May cause damage to the immune system through prolonged or repeated exposure.

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

Other information (about experimental toxicology):

Experimental analysis are not available.

The product was not tested. The statements on toxicology have been derived from the properties of the individual components.

11.2 Information on other hazards**Endocrine disrupting properties**

None of the ingredients is listed.

SECTION 12: Ecological information

12.1 Toxicity**Aquatic toxicity:**

Harmful to aquatic organisms.

May cause long-term adverse effects in the aquatic environment.

919-30-2 3-aminopropyltriethoxysilane

LC 50/96 h >934 mg/l (fish)

12.2 Persistence and degradability No further relevant information available.

12.3 Bioaccumulative potential No further relevant information available.

Log POW

| | | |
|------------|--------------------------------|-----|
| 919-30-2 | 3-aminopropyltriethoxysilane | 1,7 |
| 13822-56-5 | 3-(trimethoxysilyl)propylamine | 0,2 |

Bioconcentration factor (BCF)

| | | |
|----------|------------------------------|-----|
| 919-30-2 | 3-aminopropyltriethoxysilane | 3,4 |
|----------|------------------------------|-----|

12.4 Mobility in soil No further relevant information available.

12.5 Results of PBT and vPvB assessment

PBT: Not applicable

vPvB: Not applicable

12.6 Endocrine disrupting properties

The product does not contain substances with endocrine disrupting properties.

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- **12.7 Other adverse effects**
- **Additional ecological information:**
- **General notes:**
The product contains materials that are harmful to the environment.
Water hazard class 3 (German Regulation) (Self-assessment): extremely hazardous for water
Do not allow product to reach ground water, water course or sewage system, not even in small quantities.
Danger to drinking water if even extremely small quantities leak into the ground.

SECTION 13: Disposal considerations

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

- **European waste catalogue**

| | |
|-----------|---|
| 08 01 11* | waste paint and varnish containing organic solvents or other hazardous substances |
| 15 01 06 | mixed packaging |

- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agents:** Water, if necessary with cleansing agents.

SECTION 14: Transport information

- **14.1 UN number or ID number**
- **ADR, IMDG, IATA** UN3470
- **14.2 UN proper shipping name**
- **ADR** 3470 PAINT, CORROSIVE, FLAMMABLE, ENVIRONMENTALLY HAZARDOUS
- **IMDG** PAINT, CORROSIVE, FLAMMABLE, MARINE POLLUTANT
- **IATA** PAINT, CORROSIVE, FLAMMABLE

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

- **ADR**



- **Class** 8 Corrosive substances.

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· Label 8+3**· IMDG****· Class** 8 Corrosive substances.
· Label 8/3**· IATA****· Class** 8 Corrosive substances.
· Label 8 (3)**· 14.4 Packing group**
· ADR, IMDG, IATA II**· 14.5 Environmental hazards:** Product contains environmentally hazardous substances: dibutylbis(pentane-2,4-dionato-O,O') tin
· Marine pollutant: Symbol (fish and tree)
· Special marking (ADR): Symbol (fish and tree)**· 14.6 Special precautions for user** Warning: Corrosive substances.
· Hazard identification number (Kemler code): 83
· EMS Number: F-E,S-C
· Stowage Category B
· Stowage Code SW2 Clear of living quarters.**· 14.7 Maritime transport in bulk according to IMO instruments** Not applicable**· Transport/Additional information:****· ADR**
· Limited quantities (LQ) 1L
· Excepted quantities (EQ) Code: E2
Maximum net quantity per inner packaging: 30 ml
Maximum net quantity per outer packaging: 500 ml
· Transport category 2
· Tunnel restriction code D/E**· IMDG**
· Limited quantities (LQ) 1L

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| | |
|-----------------------------------|---|
| · Excepted quantities (EQ) | Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml |
| · UN "Model Regulation": | UN 3470 PAINT, CORROSIVE, FLAMMABLE, 8 (3), II, ENVIRONMENTALLY HAZARDOUS |

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Labelling according to Regulation (EC) No 1272/2008**
For information on labelling please refer to section 2 of this document.
- **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
- **National regulations:**
- **Waterhazard class:** Water hazard class 3 (Self-assessment): extremely hazardous for water.
- **Other regulations, limitations and prohibitive regulations**
REACH Annex XVII: This product contains Organostannic compounds > 0.1 wt -%. Annex XVII, entry 20 of Regulation 1907/2006, must be considered.

Substances of very high concern (SVHC) according to REACH, Article 57

22673-19-4 dibutylbis(pentane-2,4-dionato-O,O')tin

- **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.

Relevant phrases

- H302 Harmful if swallowed.
- H314 Causes severe skin burns and eye damage.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H341 Suspected of causing genetic defects.
- H360FD May damage fertility. May damage the unborn child.
- H370 Causes damage to organs.
- H372 Causes damage to organs through prolonged or repeated exposure.
- H400 Very toxic to aquatic life.

(Contd. on page 14)



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

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Trade name: KEIM MX GLAZE CLEAR (CURE)

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H410 Very toxic to aquatic life with long lasting effects.

· **Department issuing SDS:** KEIMFARBEN Germany, Product safety department

· **Abbreviations and acronyms:**

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)

TRGS: Technische Regeln für Gefahrstoffe (Technical Rules for Dangerous Substances, BAuA, Germany)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

EC10: Effective concentration at 10% mortality rate.

EC50: Half maximal effective concentration.

LC10: Lethal concentration at 10% mortality rate.

NOEC: No observed effect concentration.

REACH: Registration, Evaluation and Authorisation of Chemicals (Regulation (EC) No.1907/2006)

Flam. Liq. 3: Flammable liquids – Category 3

Acute Tox. 4: Acute toxicity – Category 4

Skin Corr. 1B: Skin corrosion/irritation – Category 1B

Skin Corr. 1C: Skin corrosion/irritation – Category 1C

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Skin Sens. 1: Skin sensitisation – Category 1

Muta. 2: Germ cell mutagenicity – Category 2

Repr. 1B: Reproductive toxicity – Category 1B

STOT SE 1: Specific target organ toxicity (single exposure) – Category 1

STOT SE 2: Specific target organ toxicity (single exposure) – Category 2

STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1

STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

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