



Ve-Ka Groothandel BV

Safety datasheet

according to Regulation (EC) No 1907/2006

Glaze GL-5029 GL-35029 Hawaii

Revision date: 01.03.2018

Product code: 5029

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

1.1. Product identifier

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

Use of the substance/mixture

Manufacture of ceramic coatings suited for firing ceramics.

1.3. Details of the supplier of the safety data sheet

| | |
|-----------------|------------------------|
| Company name: | ve-ka groothandel b.v. |
| Street: | Industrieweg 7a |
| Place: | 6621 BD Dreumel |
| Telephone: | 0487 571667 |
| e-mail: | info@ve-ka.nl |
| Contact person: | Babette Duller |
| e-mail: | info@ve-ka.nl |
| Internet: | www.ve-ka.nl |

1.4. Emergency telephone number: 0487571667

SECTION 2: Hazards identification

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2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008 Hazard

categories:

Hazardous to the aquatic environment: Aquatic Chronic 3 Hazard

Statements:

Harmful to aquatic life with long lasting effects.

2.2. Label elements

Regulation (EC) No. 1272/2008

Hazard statements

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P501 Dispose of contents/container to according to local regulations to a treatment facility.
Avoid release to the environment.

2.3. Other hazards

No information available.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Mixture of frits (silicate glasses), mineral oxides, metal oxides and inorganic pigments.

Hazardous components

| CAS No | Chemical name | | | Quantity |
|------------|--|--------------|----------|----------|
| | EC No | Index No | REACH No | |
| | GHS Classification | | | |
| 12069-69-1 | copper(II) carbonate - copper(II) hydroxide (1:1) | | | < 2,5 % |
| | 235-113-6 | 029-020-00-8 | | |
| | Acute Tox. 4, Acute Tox. 4, Eye Irrit. 2, Aquatic Acute 1 (M-Factor = 10), Aquatic Chronic 1 (M-Factor = 10); H332 H302 H319 H400 H410 | | | |

Full text of H and EUH statements: see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures



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General information

Remove contaminated or saturated clothing.

After inhalation

Take affected persons out into the fresh air.

After contact with skin

Precautionally wash off with soap and water.

After contact with eyes

In case of contact with eyes rinse thoroughly with water. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

After ingestion

Rinse mouth immediately and drink plenty of water. In the event of symptoms refer for medical treatment.

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

no data available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

The product itself does not burn. Co-ordinate fire-fighting measures to the fire surroundings.

Unsuitable extinguishing media

none known

5.2. Special hazards arising from the substance or mixture

none known

5.3. Advice for firefighters

Employ protective equipment commonly used in the event of fire.

Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water. Contaminated fire-extinguishing water must be disposed of in accordance with the regulations issued by the appropriate local authorities.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment. Provide adequate ventilation. Avoid dust formation.

6.2. Environmental precautions

Do not allow to enter into surface water or drains.



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6.3. Methods and material for containment and cleaning up

Take up mechanically, placing in appropriate containers for disposal.

6.4. Reference to other sections

Treat the recovered material as prescribed in the section on waste disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

When using do not eat, drink or smoke. Wash hands before breaks and after work. Do not leave children unattended while using the material. Open windows to ensure natural ventilation.

Advice on protection against fire and explosion Avoid generation of dust.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed. Keep out of the reach of children.

Hints on joint storage

No special restrictions on substances.

7.3. Specific end use(s) No data available

SECTION 8: Exposure controls/personal protection

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8.1. Control parameters

8.2. Exposure controls

Appropriate engineering controls

If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means.

Protective and hygiene measures

If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means.

Eye/face protection

If necessary: Wear tightly sealed safety glasses.

Hand protection

Wear protective gloves made of the following materials: NBR (Nitrile rubber).

Environmental exposure controls

Do not allow to enter into surface water or drains.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|-----------------|--------------|
| Physical state: | Powder |
| Colour: | bright green |
| Odour: | odourless |

Changes in the physical state Melting point:

No data available

Flash point:

not applicable

Water solubility: **9.2.**

not determined

Other information

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no data available

SECTION 10: Stability and reactivity



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10.1. Reactivity no data available

10.2. Chemical stability

No decomposition if stored normally.

10.3. Possibility of hazardous reactions

no data available

10.4. Conditions to avoid

No dangerous reaction known under conditions of use.

10.5. Incompatible materials

none known

10.6. Hazardous decomposition products

none known

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity Acute, oral toxicity

frits, chemicals; CAS-Nr.: 65997-18-4; EG-Nr.: 266-047-6; LD50: > 2.000,00 mg/kg (Species: Rat)

| CAS No | Chemical name | | | | |
|------------|---|---------------|---------|--------|--------|
| | Exposure route | Dose | Species | Source | Method |
| 12069-69-1 | copper(II) carbonate - copper(II) hydroxide (1:1) | | | | |
| | oral | ATE 500 mg/kg | | | |

Irritation and corrosivity

Powder can cause localised skin irritation in folds of the skin or under tight clothing.

SECTION 12: Ecological information

12.1. Toxicity

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

12.2. Persistence and degradability

no data available

12.3. Bioaccumulative potential

no data available



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12.4. Mobility in soil

no data available

12.5. Results of PBT and vPvB assessment

no data available

12.6. Other adverse effects

no data available

Further information

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Do not allow to enter into surface water or drains.

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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

Prevent penetration into stretches of water and drainage systems.

Contaminated packaging

Dispose of as unused product. If there is product residue in the emptied container, follow directions for handling on the container's label.

SECTION 14: Transport information

Other applicable information

Not a hazardous material with respect to transportation regulations.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations

National regulatory information

Water hazard class (D):

Regulations/legislation specific for the substance or mixture

1 - slightly hazardous to water

SECTION 16: Other information



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Changes

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.

Relevant H and EUH statements (number and full text)

| | |
|------|--|
| H302 | Harmful if swallowed. |
| H319 | Causes serious eye irritation. |
| H332 | Harmful if inhaled. |
| H400 | Very toxic to aquatic life. |
| H410 | Very toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects. |

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)

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