

SAFETY DATA SHEET – Kölner Ceramic Size kt5-hv

according to Regulation (EC) No. 1907/2006 (REACH) · Revision date: 01.12.2023 · Print date: 01.12.2023

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

1.1. Product identifier

Trade name/designation: Kölner Ceramic Size kt5-hv

Article-No.: 1070

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

Use of the substance/mixture: Paints and varnishes, Professional use, Artists supply. For professional use only.

1.3. Details of the supplier of the safety data sheet

Manufacturer/Supplier: KVP Kölner Vergolderprodukte GmbH · Dresden - GERMANY

Telephone: +49 (0) 35 1 - 86 26 89 50 · Telefax: +49 (0) 35 1 - 86 26 34 91

Website: <http://kolner-vergolderprodukte.de/>

E-Mail (competent person): info@kolner-vergolderprodukte.de

1.4. Emergency telephone number

+49 (0) 35 1 - 86 26 89 50 (Only available during office hours.)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

This 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 statements: -

Supplemental Hazard information (EU)	EUH208 – Contains reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction. EUH210 – Safety data sheet available on request.
Precautionary statements Prevention	P280.3 Wear protective gloves and protective clothing.
Precautionary statements Response	P302 + P352 IF ON SKIN: Wash with plenty of soap and water. P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.

2.3. Other hazards

Adverse human health effects and symptoms: May cause skin irritation. May cause eye irritation.



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SECTION 3: Composition / information on ingredients

3.1. Mixtures

Description: Dispersion in aqueous solution, Additives

Hazardous ingredients / Hazardous impurities / Stabilisers:

Product identifiers	Substance name Classification according to Regulation (EC) No.1272/2008 [CLP]	Concentration
CAS No.: 55965-84-9	reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]; and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1); reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]; and 2-methyl-4-isothiazolin-3-one [EC no. 220-239-6] (3:1) Skin Corr. 1B, Acute Tox. 3, Skin Sens. 1, Aquatic Acute 1, Aqua. Chronic 1  Danger H301-H311-H314-H317-H331-H410	< 0.0015 Wt %

Full text of H- and EUH-phrases: see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

- **General information:** Remove victim out of the danger area. Remove contaminated, saturated clothing. If unconscious place in recovery position and seek medical advice. Do not leave affected person unattended. Get medical advice/attention if you feel unwell.
- **Following inhalation:** Provide fresh air.
- **In case of skin contact:** Wash with plenty of soap and water.
If skin irritation or rash occurs: Get medical advice/attention.
- **After eye contact:** In case of contact with eyes, rinse thoroughly with water. In case of eye irritation consult an ophthalmologist.
- **After ingestion:** Rinse mouth immediately and drink plenty of water. Get medical advice/attention.

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

May cause an allergic skin reaction. May cause skin irritation. May cause eye irritation.

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

Treat symptomatically.



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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: Co-ordinate fire-fighting measures to the fire surroundings.

5.2. Special hazards arising from the substance or mixture

This material is combustible, but will not ignite readily. No special fire protection measures are necessary.

Hazardous combustion products: In case of fire may be liberated: Gases/vapours, toxic

5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

5.4. Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Personal precautions: Avoid contact with eyes and skin. Remove contaminated, saturated clothing.

Clear spills immediately

Protective equipment: Wear protective gloves/protective clothing/eye protection/face protection.

6.1.2. For emergency responders

Personal protection equipment: Personal protection equipment: see section 8

6.2. Environmental precautions

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

6.3. Methods and material for containment and cleaning up

· For containment: Wipe up with absorbent material (eg. cloth, fleece). Handling larger quantities: Absorb with liquidbinding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

· For cleaning up: Water with tenside additive

6.4. Reference to other sections

Safe handling: see section 7

Personal protecting equipment: see section 8

Disposal: see section 13



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6.5. Additional information

Use appropriate container to avoid environmental contamination.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Protective measures

- **Advices on safe handling:** Avoid contact with skin, eyes and clothes. Remove contaminated, saturated clothing. Wash contaminated clothing prior to re-use. Wear personal protection equipment (refer to section 8).
- **Fire prevent measures:** No special measures are necessary.
- **Environmental precautions:** Discharge into the environment must be avoided.

Advices on general occupational hygiene

When using do not eat, drink or smoke. Wash hands and face before breaks and after work and take a shower if necessary. Apply skin care products after work.

7.2. Conditions for safe storage, including any incompatibilities

- **Technical measures and storage conditions:** Keep container tightly closed in a cool, well-ventilated place. Conditions to avoid: Frost, Heat, UV-radiation/sunlight.
- **Requirements for storage rooms and vessels:** Floors should be impervious, resistant to liquids and easy to clean. Keep/Store only in original container.
- **Hints on storage assembly:** Keep away from food, drink and animal feedingstuffs.
- **Storage class:** 10 – Combustible liquids that cannot be assigned to any of the above storage classes

7.3. Specific end use(s)

Recommendation: Paints and varnishes, Professional use, Artists supply. Observe instructions for use.



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SECTION 8: Exposure controls/personal protection

8.1. Control Parameters

8.1.1. Occupational exposure limit values

Limit value type (country)	Substance name	1 – Long-term occupational exposure limit value 2 – Short-term occupational exposure limit value 3 – Instantaneous value 4 – Monitoring and observation processes 5 – Remark
WEL (GB)	2-(2-butoxyethoxy)ethanol CAS No.: 112-34-5	1 – 10 ppm (67.5 mg/m ³) 2 – 15 ppm (101.2 mg/m ³)
IOELV (EU)	2-(2-butoxyethoxy)ethanol CAS No.: 112-34-5	1 – 10 ppm (67.5 mg/m ³) 2 – 15 ppm (101.2 mg/m ³)

8.1.2. Biological limit values

No data available.

8.1.3. DNEL-/PNEC-values

No data available.

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Technical measures and the application of suitable work processes have priority over personal protection equipment. Ventilate affected area.

8.2.2. Personal protection equipment



Eye/face protection: Filling and transfer: Eye glasses with side protection (DIN EN 166).

Skin protection: Tested protective gloves must be worn (DIN EN 374).

The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. 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. In the case of wanting to use the gloves again, clean them before taking off and air them well.



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Respiratory protection: Usually no personal respiratory protection necessary. Provide adequate ventilation. Wear breathing apparatus if exposed to vapours/dusts/aerosols. Use appropriate respiratory protection. Particle filter device (DIN EN 143), Filter type: P2

Other protection measures: Wear suitable protective clothing.

8.2.3. Environmental exposure controls

No data available.

8.3. Additional information

No data available.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state: liquid Colour: not determined Odour: not determined

Safety relevant basis data

Parameter		at ° C	Method	Remark
pH	not determined			
Melting point/freezing point	not determined			
Freezing point	not determined			
Initial boiling point and boiling range	≥ 100 ° C			
Decomposition temperature	not determined			
Flash point	not applicable			
Evaporation rate	not determined			
Ignition temperature	not applicable			
Upper/lower flammability or explosive limits	not applicable			
Vapour pressure	not determined			
Vapour density	not applicable			
Density	≈ 1 g/ml	20		
Bulk density	not applicable			
Water solubility	miscible			
Partition coefficient: n-octanol/water	not determined			
Dynamic viscosity	not determined			
Kinematic viscosity	not determined			



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9.2. Other information

No data available.

SECTION 10: Stability and reactivity

10.1. Reactivity

See section 10.3.

10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

10.4. Conditions to avoid

Frost, Heat, UV-radiation/sunlight.

10.5. Incompatible materials

Oxidizing agent, strong

10.6. Hazardous decomposition products

In case of fire may be liberated: Gases/vapours, toxic

SECTION 11: Toxicological information

11.1. Information on toxicological effects

- Acute oral toxicity: Based on available data, the classification criteria are not met.
- Acute dermal toxicity: Based on available data, the classification criteria are not met.
- Acute inhalation toxicity: Based on available data, the classification criteria are not met.
- Skin corrosion/irritation: Based on available data, the classification criteria are not met. May cause skin irritation.
- Eye damage/irritation: Based on available data, the classification criteria are not met. May cause eye irritation.
- Respiratory or skin sensitisation: Based on available data, the classification criteria are not met. May cause an allergic skin reaction.
- Germ cell mutagenicity: Based on available data, the classification criteria are not met.
- 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: Based on available data, the classification criteria are not met.
- 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.



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· **Additional information:** No data available.

SECTION 12: Ecological information

12.1. Toxicity

- **Aquatic toxicity:** Based on available data, the classification criteria are not met.
- **Effects in sewage plants:** The insoluble part can be precipitated mechanically in suitable sewage treatment plants.
- **Additional ecotoxicological information:** Discharge into the environment must be avoided. Do not empty into drains. Do not allow to enter into soil/subsoil.

12.2. Persistence and degradability

- **Biodegradation:** Some of the components are poorly biodegradable.

12.3. Bioaccumulative potential

- **Akkumulation / Evaluation:** No indication of bioaccumulation potential.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

CAS-Nr	Substance name	Results of PBT and vPvB assessment
112-34-5	2-(2-butoxyethoxy)ethanol	–

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

12.6. Other adverse effects

No data available.



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SECTION 13: Disposal considerations

13.1. Waste treatment methods

13.1.1. Product/Packaging disposal

Waste codes/waste designations according to EWC/AVV

Waste code product:

- 08 01 12 waste paint and varnish other than those mentioned in 08 01 11

Waste code packaging:

- 17 09 04 Mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03
- 15 01 02 Plastic packaging
- 17 02 03 plastic

Waste treatment options:

- **Appropriate disposal / Product:** Dispose of waste according to applicable legislation. Consult the appropriate local waste disposal expert about waste disposal. For recycling, contact manufacturer.
- **Appropriate disposal / Package:** Completely emptied packages can be recycled.
- **Other disposal recommendations:** The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.
Collect in closed and suitable containers for disposal.

13.2. Additional information

Waste for disposal is to be classified and labelled.

SECTION 14: Transport information

No dangerous good in sense of these transport regulations.

14.1. UN-No.

not relevant

14.2. UN proper shipping name

not relevant

14.3. Transport hazard class(es)

not relevant

14.4. Packing group

not relevant



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14.5. Environmental hazards

not relevant

14.6. Special precautions for user

not relevant

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

not relevant

SECTION 15: Regulatory information

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

15.1.1. EU legislation

Other regulations (EU):

This product meets the requirements of Regulation (EC) No.1935/2004 on the limitation of VOC content.

15.1.2. National regulations

No data available.

15.2. Chemical Safety Assessment

No data available.

15.3. Additional information

No data available.

SECTION 16: Other information

16.1. Indication of changes

No data available.

16.2. 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).

16.3. Key literature references and sources for data

No data available.



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16.4. Classification for mixtures and used evaluation method according to regulation (EC) No. 1272/2008 [CLP]

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

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

16.5. Relevant R-, H- and EUH-phrases (Number and full text)

Hazard statements

H301	Toxic if swallowed.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H331	Toxic if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

16.6. Training advice

No data available.

16.7. Additional information

The information in this data sheet has been established to our best knowledge and was up-to-date at time of revision. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.

