

Safety data sheet
according to UK REACH

Printing date 19.11.2024

Version number 1

Revision: 18.07.2024

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier****Identification of the substance/preparation:** *Gerriets VARIOMaxColor PRO***1.2 Relevant identified uses of the substance or mixture and uses advised against****Sector of Use**

SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

Process category PROC10 Roller application or brushing**Application of the substance / the mixture** Sealing**1.3 Details of the supplier of the safety data sheet****Company/undertaking identification:**

Gerriets GmbH

Hannes Gerriets

Am Kirchenghürstle 5-7

79224 Umkirch

Further information obtainable from: info@gerriets.com**1.4 Emergency telephone number:**

+49 (0)7665 - 960-0

Montag bis Donnerstag von 8:00 - 17:00 Uhr, Freitag von 8:00 - 15:30 Uhr

SECTION 2: Hazards identification**2.1 Classification of the substance or mixture****Classification according to Regulation (EC) No 1272/2008**

The product is not classified, according to the GB CLP regulation.


2.2 Label elements**Labelling according to Regulation (EC) No 1272/2008** Not applicable**Hazard pictograms** Not applicable**Signal word** Not applicable**Hazard statements** Not applicable**Additional information:**

Contains 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), 2,4,7,9-tetramethyldec-5-yne-4,7-diol. May produce an allergic reaction.

Safety data sheet available on request.

Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

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:**

| | | |
|-----------------------------------|---|--------|
| | Titandioxid | 10-25% |
| |  Carc. 2, H351, EUH211 | |
| CAS: 57-55-6 EINECS: 200-338-0 | Propylene glycol substance with a Community workplace exposure limit | 1-5% |

(Contd. on page 2)

Safety data sheet according to UK REACH

Printing date 19.11.2024

Version number 1

Revision: 18.07.2024

Identification of the substance/preparation: Gerriets VARIOMaxColor PRO

(Contd. of page 1)

| | | |
|---|--|-------------------|
| CAS: 126-86-3 EINECS: 204-809-1 | 2,4,7,9-tetramethyldec-5-yne-4,7-diol Eye Dam. 1, H318; Skin Sens. 1, H317 | ≥0.1-<1% |
| CAS: 55965-84-9 Index number: 613-167-00-5 | 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) Acute Tox. 3, H301; Acute Tox. 2, H310; Acute Tox. 2, H330; Skin Corr. 1C, H314; Eye Dam. 1, H318; Aquatic Acute 1, H400 (M=100); Aquatic Chronic 1, H410 (M=100); Skin Sens. 1A, H317, EUH071 Specific concentration limits: Skin Corr. 1C; H314: C ≥ 0.6 % Skin Irrit. 2; H315: 0.06 % ≤ C < 0.6 % Eye Dam. 1; H318: C ≥ 0.6 % Eye Irrit. 2; H319: 0.06 % ≤ C < 0.6 % Skin Sens. 1A; H317: C ≥ 0.0015 % | ≥0.00025-<0.0015% |

Regulation (EC) No 648/2004 on detergents / Labelling for contents

preservation agents (BENZISOTHIAZOLINONE, METHYLCHLOROISOTHIAZOLINONE / METHYLISOTHIAZOLINONE, METHYLISOTHIAZOLINONE)

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:** Immediately remove any clothing soiled by the product.
- **After inhalation:** Supply fresh air.
- **After skin contact:** Rinse with warm water.
- **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:** Rinse out mouth and then drink plenty of water.

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:** Use fire extinguishing methods suitable to surrounding conditions.
- **For safety reasons unsuitable extinguishing agents:** Not applicable.

5.2 Special hazards arising from the substance or mixture

Danger of forming toxic pyrolysis products.

5.3 Advice for firefighters

- **Protective equipment:** Do not inhale explosion gases or combustion gases.

Additional information

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

GB

(Contd. on page 3)

Safety data sheet according to UK REACH

Printing date 19.11.2024

Version number 1

Revision: 18.07.2024

Identification of the substance/preparation: *Gerriets VARIOMaxColor PRO*

(Contd. of page 2)

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Avoid contact with the eyes and skin.
- **6.2 Environmental precautions:**
Prevent from spreading (e.g. by damming-in or oil barriers).
Dilute with plenty of water.
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).
- **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**
Follow instructions on the label and in the Technical Product Information Sheet.
Avoid contact with the eyes and skin.
- **Information about fire - and explosion protection:**
No special precautions are necessary if used correctly.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**
Store only in unopened original receptacles.
- **Information about storage in one common storage facility:** Store away from foodstuffs.
- **Further information about storage conditions:**
Protect from frost.
Store under lock and key and out of the reach of children.
Store receptacle in a well ventilated area.
- **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection
8.1 Control parameters
Exposure limit values:
57-55-6 Propylene glycol

| | |
|-----|--|
| WEL | Long-term value: 474* 10** mg/m ³ , 150* ppm *total vapour and particulates **particulates |
|-----|--|

- **DNELs** No further relevant information available.
- **PNECs** No further relevant information available.
- **Additional information:** The lists valid during the making were used as basis.
- **8.2 Exposure controls**
- **Appropriate engineering controls** No further data; see section 7.
- **Individual protection measures, such as personal protective equipment**
- **General protective and hygienic measures:**
Do not eat, drink, smoke or sniff while working.
Be sure to clean skin thoroughly after work and before breaks.

(Contd. on page 4)

Safety data sheet according to UK REACH

Printing date 19.11.2024

Version number 1

Revision: 18.07.2024

Identification of the substance/preparation: Gerriets VARIOMaxColor PRO

(Contd. of page 3)

Wash hands before breaks and at the end of work.

· **Respiratory protection:** Not required.

· **Hand protection**

Only use chemical-protective gloves with CE-labelling of category III.

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

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

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

· **Material of gloves**

Nitrile rubber, NBR

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 to be checked prior to the application.

· **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/face protection**

Where there is a danger of the eyes coming into contact with splashes of liquid (i.e. when refilling larger quantities), safety goggles according to EN 166 (i.e. goggles with side shields) are recommended.

· **Body protection:**

Not required.

Light weight protective clothing

· **Environmental exposure controls** Follow instructions for use, dosage and waste disposal.

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· General Information

· **Physical state**

Fluid

· **Colour:**

Whitish

· **Odour:**

Characteristic

· **Odour threshold:**

Not determined.

· **Melting point/freezing point:**

Undetermined.

· **Boiling point or initial boiling point and boiling range**

100°C (7732-18-5 water, distilled, conductivity or of similar purity)

Undetermined.

· **Flammability**

· **Lower and upper explosion limit**

· **Lower:**

Not determined.

· **Upper:**

Not determined.

· **Flash point:**

>100°C (Seta Flash Closed Cup)

· **Auto-ignition temperature:**

194°C (29911-28-2 (2-butoxymethylethoxy)propanol)

· **Decomposition temperature:**

Not determined.

· **pH at 20°C**

8.5

· **Viscosity:**

· **Kinematic viscosity at 20°C**

90 s (DIN 53211/4)

· **Dynamic:**

Not determined.

· **Solubility**

· **water:**

Fully miscible.

(Contd. on page 5)

Safety data sheet according to UK REACH

Printing date 19.11.2024

Version number 1

Revision: 18.07.2024

Identification of the substance/preparation: *Gerriets VARIOMaxColor PRO*

(Contd. of page 4)

- | | |
|--|---|
| <ul style="list-style-type: none"> · Partition coefficient n-octanol/water (log value) · Vapour pressure at 20°C: · Density and/or relative density · Density at 20°C: · Relative density · Vapour density | <ul style="list-style-type: none"> Not determined. 23 hPa (7732-18-5 water, distilled, conductivity or of similar purity) 1.035 g/cm³ Not determined. Not determined. |
|--|---|

- | | |
|---|--|
| <ul style="list-style-type: none"> · 9.2 Other information · Appearance: · Form: · Important information on protection of health and environment, and on safety. · Ignition temperature: · Explosive properties: · Solvent content: · Organic solvents: · VOC (EC) · Change in condition · Evaporation rate | |
| <ul style="list-style-type: none"> Fluid 10.0 % 10.3 % | <ul style="list-style-type: none"> Product is not selfigniting. Product does not present an explosion hazard. Not determined. |

- | | |
|--|--|
| <ul style="list-style-type: none"> · Information with regard to physical hazard classes · Explosives · Flammable gases · Aerosols · Oxidising gases · Gases under pressure · Flammable liquids · Flammable solids · Self-reactive substances and mixtures · Pyrophoric liquids · Pyrophoric solids · Self-heating substances and mixtures · Substances and mixtures, which emit flammable gases in contact with water · Oxidising liquids · Oxidising solids · Organic peroxides · Corrosive to metals · Desensitised explosives | |
| <ul style="list-style-type: none"> | <ul style="list-style-type: none"> Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable |

SECTION 10: Stability and reactivity

- **10.1 Reactivity** see section "Possibility of hazardous reactions".
- **10.2 Chemical stability** No information available.
- **Conditions to avoid:**
Protect from frost.
No decomposition if used and stored 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 dangerous reactions known.

(Contd. on page 6)

Safety data sheet according to UK REACH

Printing date 19.11.2024

Version number 1

Revision: 18.07.2024

Identification of the substance/preparation: Gerriets VARIOMaxColor PRO

(Contd. of page 5)

- **10.6 Hazardous decomposition products:** Danger of forming toxic pyrolysis products.

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:**

Titandioxid

| | | |
|------------|---------|------------------------|
| Oral | LD50 | >20,000 mg/kg (rat) |
| Dermal | LD50 | >10,000 mg/kg (rabbit) |
| Inhalative | LC50/4h | >6.82 mg/l (rat) |

111-76-2 2-butoxyethanol

| | | |
|------------|---------|--|
| Oral | LD50 | 1,200 mg/kg (ATE) 1,746 mg/kg (rat) |
| Dermal | LD50 | >2,000 mg/kg (rab) |
| Inhalative | LC50/4h | 3 mg/l (ATE) 2-20 mg/l (rat) |

- **Skin corrosion/irritation**

No data available.

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

- **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.
- **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.

- **Additional toxicological information:**

- **Repeated dose toxicity** Undetermined.

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

- **11.2 Information on other hazards**

- **Endocrine disrupting properties**

| | | |
|----------|--|--------------|
| 541-02-6 | 2,2,4,4,6,6,8,8,10,10-decamethylcyclotetrasiloxane | List II |
| 556-67-2 | octamethylcyclotetrasiloxane | List II; III |

SECTION 12: Ecological information

- **12.1 Toxicity**

- **Aquatic toxicity:**

Undetermined.

111-76-2 2-butoxyethanol

| | |
|-------------------|---|
| LC50/96h (static) | 1,474 mg/l (Oncorhynchus mykiss (Rainbow trout)) (OECD 203) |
|-------------------|---|

- **12.2 Persistence and degradability**

Elimination of contained polymers is possible through precipitation or flocculation.

The solvent is biodegradable.

- **12.3 Bioaccumulative potential** Undetermined.

(Contd. on page 7)

Safety data sheet according to UK REACH

Printing date 19.11.2024

Version number 1

Revision: 18.07.2024

Identification of the substance/preparation: *Gerriets VARIOMaxColor PRO*

(Contd. of page 6)

- **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**
For information on endocrine disrupting properties see section 11.
- **12.7 Other adverse effects**
- **Behaviour in sewage processing plants:**
Technically correct releases of minimal concentrations to adapted biological sewage plants, will not disturb the biodegradability of activated sludge. Before allowing large quantities to be fed into sewage plants, obtain the approval of the responsible authorities.
- **Additional ecological information:**
- **General notes:**
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
Do not allow to reach ground water/water course. Do not allow undiluted product or large quantities of it to reach sewage system.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation**
Must be specially treated adhering to official regulations.
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packaging:**
- **Recommendation:**
Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.
Packagings that may not be cleansed are to be disposed of in the same manner as the product.
- **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

SECTION 14: Transport information

- | | |
|---|-----------------|
| <ul style="list-style-type: none"> · 14.1 UN number or ID number · ADR, IMDG, IATA | Not applicable |
| <ul style="list-style-type: none"> · 14.2 UN proper shipping name · ADR, IMDG, IATA | Not applicable |
| <ul style="list-style-type: none"> · 14.3 Transport hazard class(es) · ADR, ADN, IMDG, IATA · Class | Not applicable |
| <ul style="list-style-type: none"> · 14.4 Packing group · ADR, IMDG, IATA | Not applicable |
| <ul style="list-style-type: none"> · 14.5 Environmental hazards: · Marine pollutant: | No |
| <ul style="list-style-type: none"> · 14.6 Special precautions for user | Not applicable. |
| <ul style="list-style-type: none"> · 14.7 Maritime transport in bulk according to IMO instruments | Not applicable. |

(Contd. on page 8)

Safety data sheet according to UK REACH

Printing date 19.11.2024

Version number 1

Revision: 18.07.2024

Identification of the substance/preparation: *Gerriets VARIOMaxColor PRO*

(Contd. of page 7)

| | |
|---------------------------------|----------------|
| · UN "Model Regulation": | Not applicable |
|---------------------------------|----------------|

SECTION 15: Regulatory information

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

| |
|--|
| · Regulated explosives precursors |
|--|

| |
|------------------------------------|
| None of the ingredients is listed. |
|------------------------------------|

| |
|----------------------------|
| · Regulated poisons |
|----------------------------|

| |
|------------------------------------|
| None of the ingredients is listed. |
|------------------------------------|

| |
|---|
| · Reportable explosives precursors |
|---|

| |
|------------------------------------|
| None of the ingredients is listed. |
|------------------------------------|

| |
|-----------------------------|
| · Reportable poisons |
|-----------------------------|

| |
|------------------------------------|
| None of the ingredients is listed. |
|------------------------------------|

- **Directive 2012/18/EU**

- **Named dangerous substances - ANNEX I** None of the ingredients is listed.

- **National regulations:**

- **Other regulations, limitations and prohibitive regulations**

Other regulations (EC): Directive 2004/42/EC

- **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**

H301 Toxic if swallowed.

H310 Fatal in contact with skin.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H330 Fatal if inhaled.

H351 Suspected of causing cancer.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

EUH071 Corrosive to the respiratory tract.

EUH211 Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

- **Training hints ---**

- **Recommended restriction of use**

Not intended for spraying and industrial processing.

(Contd. on page 9)

Safety data sheet according to UK REACH

Printing date 19.11.2024

Version number 1

Revision: 18.07.2024

Identification of the substance/preparation: *Gerriets VARIOMaxColor PRO*

(Contd. of page 8)

Restricted to professional users.

People who suffer from allergies, asthma, chronic or recurring respiratory illnesses should not be deployed in any process using the product.

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)

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organisation

ICAO-TI: Technical Instructions by the "International Civil Aviation Organisation" (ICAO)

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)

VOC: Volatile Organic Compounds (USA, EU)

DNEL: Derived No-Effect Level (UK REACH)

PNEC: Predicted No-Effect Concentration (UK REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Acute Tox. 3: Acute toxicity – Category 3

Acute Tox. 2: Acute toxicity – Category 2

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

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

Skin Sens. 1: Skin sensitisation – Category 1

Skin Sens. 1A: Skin sensitisation – Category 1A

Carc. 2: Carcinogenicity – 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