

## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 11.10.2021

Version number 6 (replaces version 5)

Revision: 17.03.2020

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

#### 1.1 Product identifier

Trade name **Color Flex (Elastoflex Facade Paint)**

Article number: 2976, 2978, 16010-16012

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

##### Sector of Use

SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites

SU21 Consumer uses: Private households / general public / consumers

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

**Product category** PC9a Coatings and paints, thinners, paint removers

##### Process category

PROC8a Transfer of substance or mixture (charging and discharging) at non-dedicated facilities

PROC8b Transfer of substance or mixture (charging and discharging) at dedicated facilities

PROC10 Roller application or brushing

PROC11 Non industrial spraying

##### Environmental release category

ERC8d Widespread use of non-reactive processing aid (no inclusion into or onto article, outdoor)

ERC8f Widespread use leading to inclusion into/onto article (outdoor)

ERC10a Widespread use of articles with low release (outdoor)

**Application of the substance / the mixture** Coating

**Uses advised against** No further relevant information available.

#### 1.3 Details of the supplier of the safety data sheet

##### Manufacturer/Supplier:

Remmers GmbH

Bernhard-Remmers-Str. 13

D-49624 Lönigen / Germany

Tel.: +49(0)5432/83-0

Fax: +49(0)5432/3985

Remmers (UK) Limited

Unit 4 , Lloyds Court

Manor Royal, Crawley – West Sussex RH10 9QU

fon +44 (0) 1293 594 010

fax +44 (0) 1293 594 037

##### Information department:

Product Safety department: Phone: +44 (0) 1293 594 010

Email: sales@remmers.co.ukk

#### 1.4 Emergency telephone number:

National Poisons Information Service (NPIS):

In England and Wales: NHS 111 - dial 111

In Scotland: NHS 24 - dial 111

24h-Transport Emergency Contact Phone Number:

within USA and Canada: 1-800-424-9300

outside USA and Canada: 001-703-527-3887

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

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

Aquatic Chronic 3 H412 Harmful 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** Void

**Signal word** Void

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**Hazard statements**

H412 Harmful to aquatic life with long lasting effects.

**Precautionary statements**

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P103 Read carefully and follow all instructions.

P273 Avoid release to the environment.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

**Additional information:**

EUH208 Contains 1,2-benzisothiazol-3(2H)-one, reaction mass of 5-chloro-2- methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3- one (3:1), 2-octyl-2H-isothiazol-3-one. May produce an allergic reaction.

EUH211 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 the substances listed below with harmless additions.

| <b>Dangerous components [% w/w]:</b>   |  |                   |
|--|--|-------------------|
| CAS: 13463-67-7<br>EINECS: 236-675-5<br>Index number: 022-006-00-2<br>Reg.nr.: 01-2119489379-17-XXXX | titanium dioxide<br>-----<br>Carc. 2, H351   | ≥5-<10%           |
| CAS: 57-55-6<br>EINECS: 200-338-0<br>Reg.nr.: 01-2119456809-23-XXXX                                  | propylene glycol<br>substance with a Community workplace<br>exposure limit   | ≥1-<2.5%          |
| CAS: 12001-26-2<br>EINECS: 234-426-5   | Mica<br>substance with a Community workplace<br>exposure limit   | ≥1-<2.5%          |
| CAS: 14808-60-7<br>EINECS: 238-878-4<br>Reg.nr.: 01-2120770509-45-XXXX                               | quartz flour<br>-----<br>STOT RE 2, H373   | ≥1-<2.5%          |
| CAS: 886-50-0<br>EINECS: 212-950-5   | terbutryn<br>-----<br>Aquatic Acute 1, H400 (M=100); Aquatic<br>Chronic 1, H410 (M=100); Acute Tox. 4,<br>H302; Skin Sens. 1, H317   | ≥0.0025-<0.025%   |
| CAS: 55965-84-9<br>Index number: 613-167-00-5<br>Reg.nr.: 01-2120764691-48-XXXX                      | reaction mass of 5-chloro-2- methyl-2H-<br>isothiazol-3-one and 2-methyl-2H-isothiazol-3-<br>one (3:1)<br>-----<br>Acute Tox. 3, H301; Acute Tox. 2, H310;<br>Acute Tox. 2, H330; Skin Corr. 1C, H314;<br>Aquatic Acute 1, H400 (M=100); Aquatic<br>Chronic 1, H410 (M=100); Skin Sens. 1A,<br>H317<br>Specific concentration limits:<br>Skin Corr. 1C; H314: C ≥ 0.6 %<br>Skin Irrit. 2; H315: 0.06 % ≤ C < 0.6 %<br>Eye Dam. 1; H318: C ≥ 0.6 %<br>Eye Irrit. 2; H319: 0.06 % ≤ C < 0.6 %<br>Skin Sens. 1A; H317: C ≥ 0.0015 % | ≥0.00025-<0.0015% |

**Additional information** For the wording of the listed hazard phrases refer to section 16.

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## SECTION 4: First aid measures

### 4.1 Description of first aid measures

**General information** No special measures required.**After inhalation** No special requirements.**After skin contact** If skin irritation continues, consult a doctor.**After eye contact** Rinse opened eye for several minutes under running water.

### After swallowing

Rinse out mouth and then drink plenty of water.

Seek medical treatment.

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

In case of prolonged/repeated exposure or in high concentrations:

Irritating effect on skin and eyes.

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

symptomatic treatment

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing agents

CO<sub>2</sub>, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.

### 5.2 Special hazards arising from the substance or mixture

May be released in case of fire

Carbon monoxide (CO)

Under certain fire conditions, traces of other toxic substances cannot be excluded.

### 5.3 Advice for firefighters

**Protective equipment:** No special measures required.

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Particular danger of slipping on leaked/spilled product.

Ensure adequate ventilation

### 6.2 Environmental precautions:

Do not allow to enter the ground/soil.

Do not allow product to reach sewage system or water bodies.

Inform responsible authorities in case product reaches bodies of water or sewage system.

Dilute with plenty of water.

### 6.3 Methods and material for containment and cleaning up:

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

Dispose of contaminated material as waste according to item 13.

### 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 information on disposal.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Use only in well ventilated areas.

No special measures required.

### 7.2 Conditions for safe storage, including any incompatibilities

#### Storage

**Requirements to be met by storerooms and containers:** No special requirements.**Information on storage in a common storage facility:** none**Further information about storage conditions:** Protect from frost.

### 7.3 Specific end use(s)

No further relevant information available.

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## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

|   |  |
|---|--|
| <b>Components with limit values that require monitoring at the workplace:</b> |  |
| <b>CAS: 13463-67-7 titanium dioxide</b>                                       |  |
| WEL   | Long-term value: 10* 4** mg/m <sup>3</sup><br>*total inhalable **respirable                              |
| <b>CAS: 57-55-6 propylene glycol</b>  |  |
| WEL   | Long-term value: 474* 10** mg/m <sup>3</sup> , 150* ppm<br>*total vapour and particulates **particulates |
| <b>CAS: 12001-26-2 Mica</b>   |  |
| WEL   | Long-term value: 10* 0.8** mg/m <sup>3</sup><br>*total inhalable **respirable                            |

**Additional information:** The lists that were valid during compilation were used as a basis.

### 8.2 Exposure controls

**Appropriate engineering controls** No further data; see item 7.

**Individual protection measures, such as personal protective equipment**

**General protective and hygienic measures**

Do not eat, drink or smoke while working.

Use skin protection cream for preventive skin protection.

Wash hands before pauses and after work.

The following indication regarding the personal protective equipment are to be considered as suggestions. The selection of the necessary personal protective equipment is to be evaluated by the employer depending on the types of operations and the local circumstances. If a risk assessment on-site shows that there is no risk for employees, the personal protective equipment is not required or the amount of the PPE can be adapted accordingly.

**Respiratory equipment:**

Respiratory protection if there is a risk of splashes/mist.

Filter A/P2.

**Hand protection**

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

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 determined penetration times according to EN 16523-1:2015 are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the penetration time, 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** if there is a risk of splashes

**Body protection:** Protective work clothing.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

**General Information**

**Colour:** According to product specification

**Odour:** Characteristic

**Odour threshold:** Not determined.

**Melting point/freezing point:** Not determined

**Boiling point or initial boiling point and boiling range** > 100 °C

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|  |                           |
|--|---------------------------|
| <b>Flammability</b>  | Not applicable.           |
| <b>Lower and upper explosion limit</b>   |                           |
| <b>Lower:</b>  | Not determined.           |
| <b>Upper:</b>  | Not determined.           |
| <b>Flash point:</b>  | Not applicable            |
| <b>Decomposition temperature:</b>  | Not determined.           |
| <b>pH at 20 °C</b>   | > 8.5                     |
| <b>Viscosity:</b>  |                           |
| <b>Kinematic viscosity</b>   | Not determined.           |
| <b>dynamic at 20 °C:</b>   | 5000 mPas                 |
| <b>Solubility</b>  |                           |
| <b>Water:</b>  | Fully miscible            |
| <b>Partition coefficient n-octanol/water (log value)</b>                             | Not determined.           |
| <b>Vapour pressure at 20 °C:</b>   | 23 hPa                    |
| <b>Density and/or relative density</b>   |                           |
| <b>Density at 20 °C:</b>   | 1.4 g/cm <sup>3</sup>     |
| <b>Relative density</b>  | Not determined.           |
| <b>Vapour density</b>  | Not determined.           |
| <b>9.2 Other information</b>   |                           |
| <b>Appearance:</b>   |                           |
| <b>Form:</b>   | Fluid                     |
| <b>Important information on protection of health and environment, and on safety.</b> |                           |
| <b>Ignition temperature:</b>   | not applicable            |
| <b>Explosive properties:</b>   | Product is not explosive. |
| <b>Solvent separation test</b>   | < 3 %                     |
| <b>Change in condition</b>   |                           |
| <b>Evaporation rate</b>  | Not determined.           |
| <b>Information with regard to physical hazard classes</b>                            |                           |
| <b>Explosives</b>  | Void                      |
| <b>Flammable gases</b>   | Void                      |
| <b>Aerosols</b>  | Void                      |
| <b>Oxidising gases</b>   | Void                      |
| <b>Gases under pressure</b>  | Void                      |
| <b>Flammable liquids</b>   | Void                      |
| <b>Flammable solids</b>  | Void                      |
| <b>Self-reactive substances and mixtures</b>   | Void                      |
| <b>Pyrophoric liquids</b>  | Void                      |
| <b>Pyrophoric solids</b>   | Void                      |
| <b>Self-heating substances and mixtures</b>  | Void                      |
| <b>Substances and mixtures, which emit flammable gases in contact with water</b>     | Void                      |
| <b>Oxidising liquids</b>   | Void                      |
| <b>Oxidising solids</b>  | Void                      |
| <b>Organic peroxides</b>   | Void                      |
| <b>Corrosive to metals</b>   | Void                      |
| <b>Desensitised explosives</b>   | Void                      |

## SECTION 10: Stability and reactivity

**10.1 Reactivity** No further relevant information available.

### 10.2 Chemical stability

**Thermal decomposition / conditions to be avoided:**

No decomposition if handled 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 further relevant information available.

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**10.6 Hazardous decomposition products:**

None if used properly.

None if stored properly.

**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 that are relevant for classification:** No further relevant information available.**Skin corrosion/irritation:** Based on available data, the classification criteria are not met.**Serious eye damage/irritation:** Based on available data, the classification criteria are not met.**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.**11.2 Information on other hazards****Endocrine disrupting properties**

None of the ingredients is listed.

**SECTION 12: Ecological information****12.1 Toxicity****Aquatic toxicity:** No further relevant information available.**12.2 Persistence and degradability** No further relevant information available.**12.3 Bioaccumulative potential** No further relevant information available.**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****Remark:** Harmful to fish**Additional ecological information:****General notes:**

Do not allow product to reach ground water, bodies of water or sewage system.

Harmful to aquatic organisms

**SECTION 13: Disposal considerations****Recommendation**

Not hardened material must be disposed of as hazardous waste according to official regulations.

Hardened product remains may be disposed of as building rubble or put into household garbage.

The given refuse codes are recommendations based upon the intended use of the product. Because of special use and disposal conditions at the user's, other codes may apply under other conditions.

**European waste catalogue**

08 01 20 | aqueous suspensions containing paint or varnish other than those mentioned in 08 01 19

**Uncleaned packaging:****Recommendation:** Disposal must be made according to official regulations.**Recommended cleaning agent:** Water, if necessary with cleaning agent.**SECTION 14: Transport information****14.1 UN number or ID number****ADR, ADN, IMDG, IATA**

Void

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|   |  |
|---|--|
| <b>14.2 UN proper shipping name</b><br>ADR, ADN, IMDG, IATA             | Void   |
| <b>14.3 Transport hazard class(es)</b><br>ADR, ADN, IMDG, IATA<br>Class | Void   |
| <b>14.4 Packing group</b><br>ADR, IMDG, IATA                            | Void   |
| <b>14.5 Environmental hazards:</b><br>Marine pollutant:                 | No   |
| <b>14.6 Special precautions for user</b>                                | Not applicable.  |
| <b>14.7 Maritime transport in bulk according to IMO instruments</b>     | Not applicable.  |
| <b>Transport/Additional information:</b>                                | Not a hazardous good according to the above regulations. |
| <b>UN "Model Regulation":</b>   | Void   |

## SECTION 15: Regulatory information

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

#### Directive 2012/18/EU

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

**REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3

#### National regulations

#### Other regulations, limitations and prohibition ordinances

Observe the usual protective measures when working and for storage.

**15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

## SECTION 16: Other information

Delivery specifications are found in the respective Technical Information Sheets.

This data is based on our present state of knowledge. However, it does not constitute a guarantee for any specific product features and does not establish a legally valid contractual relationship.

### Relevant phrases

H301 Toxic if swallowed.

H302 Harmful if swallowed.

H310 Fatal in contact with skin.

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

H330 Fatal if inhaled.

H351 Suspected of causing cancer.

H373 May cause damage to organs through prolonged or repeated exposure.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

**Classification according to Regulation (EC) No 1272/2008** Calculation method

**Department issuing data specification sheet:** Product Safety department / EHS

**Version number of previous version:** 5

### 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

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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)  
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. 4: Acute toxicity – Category 4  
Acute Tox. 2: Acute toxicity – Category 2  
Skin Corr. 1C: Skin corrosion/irritation – Category 1C  
Skin Sens. 1: Skin sensitisation – Category 1  
Skin Sens. 1A: Skin sensitisation – Category 1A  
Carc. 2: Carcinogenicity – Category 2  
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 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3