

Page 1/11

*

*

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

Printing date 15.12.2021

Version number 12 (replaces version 11)

Revision: 15.12.2021

| | N 1: Identification of the substance/mixture and of the company/undertaking |
|---|--|
| · 1.1 Product | identifier |
| Trade nam | e: Colormatic 2K ClearCoat with hardener gloss / high gloss |
| 1.2 Relevan No further f Sector of U SU22 Proj Product can Process cat PROC7 In PROC11 1 | essional uses: Public domain (administration, education, entertainment, services, craftsmen) egory PC9a Coatings and paints, thinners, paint removers |
| | of the supplier of the safety data sheet |
| | r er/Supplier: erosols GmbH* |
| Kurt Vogels | ang Strasse 6 |
| D-74855 Ha Tel.: +49 (0 | |
| | de@european-aerosols.com |
| *Formerly | nown as Motip Dupli GmbH |
| 1.4 Emerge Tel.:+49 62 Fax +49 62 | |
| | geny phone no: 111 althcare professionals: 0344 892 0111 |
| | er if childs have been poisened: 01 809 2166 (8:00 am - 10:00 pm, 7 days) althcare professionals: 01 809 2566 (24 h / 7 days) |
| Tox Info Su | isse 145 (24-h-emergency number) |
| SECTIO | I). II manufa i Jandifa adi an |
| | N 2: Hazards identification |
| | cation of the substance or mixture on according to Regulation (EC) No 1272/2008 |
| | |
| | ame |
| Aerosol 1 | H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated. |
| | |
| Eye Irrit. 2 | H319 Causes serious eye irritation. |
| <i>Бус 1111.</i> 2 | (Contd. on page |

Revision: 15.12.2021

Page 2/11 Safety data sheet according to 1907/2006/EC, Article 31 Printing date 15.12.2021 *Version number 12 (replaces version 11)* Trade name: Colormatic 2K ClearCoat with hardener gloss / high gloss (Contd. of page 1) Skin Sens. 1 H317 May cause an allergic skin reaction. STOT SE 3 H336 May cause drowsiness or dizziness. · 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 GHS07 · Signal word Danger · Hazard-determining components of labelling: aliphatic polyisocyanate acetone n-butyl acetate 2-methoxy-1-methylethyl acetate 3-isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate Mixture of alpha-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-omegahydroxypoly(oxyethylene) and alpha-3-(3-(2 · Hazard statements H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated. H319 Causes serious eye irritation. H317 May cause an allergic skin reaction. H336 May cause drowsiness or dizziness. · Precautionary statements P101 If medical advice is needed, have product container or label at hand. P102 Keep out of reach of children. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P210 P211 Do not spray on an open flame or other ignition source. P251 Do not pierce or burn, even after use. P260 Do not breathe spray. P280 Wear protective gloves. P302+P352 IF ON SKIN: Wash with plenty of soap and water. P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. P501 Dispose of contents / container in accordance with regional regulations. · Additional information: EUH066 Repeated exposure may cause skin dryness or cracking. EUH204 Contains isocyanates. May produce an allergic reaction. As from 24 August 2023 adequate training is required before industrial or professional use. Buildup of explosive mixtures possible without sufficient ventilation. · 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: 115-10-6 dimethyl ether 25-<50% EINECS: 204-065-8 🐵 Flam. Gas 1A, H220 Index number: 603-019-00-8 Press. Gas (Comp.), H280

Reg.nr.: 01-2119472128-37

(Contd. on page 3) GB

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 15.12.2021

Version number 12 (replaces version 11)

Revision: 15.12.2021

Trade name: Colormatic 2K ClearCoat with hardener gloss / high gloss

| CAS: 67-64-1 | acetone | Contd. of page 12.5-<20% |
|--|--|--------------------------|
| EINECS: 200-662-2 Index number: 606-001-00-8 Reg.nr.: 01-2119471330-49 | Flam. Liq. 2, H225 Eye Irrit. 2, H319; STOT SE 3, H336 EUH066 | 12.5-<207 |
| CAS: 123-86-4 EINECS: 204-658-1 Index number: 607-025-00-1 Reg.nr.: 01-2119485493-29 | n-butyl acetate Flam. Liq. 3, H226 STOT SE 3, H336 EUH066 | 12.5-<20% |
| CAS: 108-65-6 EINECS: 203-603-9 Index number: 607-195-00-7 Reg.nr.: 01-2119475791-29 | 2-methoxy-1-methylethyl acetate Flam. Liq. 3, H226 STOT SE 3, H336 | 5-<10% |
| EC number: 905-588-0 Index number: 601-022-00-9 Reg.nr.: 01-2119488216-32 | xylene Flam. Liq. 3, H226 STOT RE 2, H373; Asp. Tox. 1, H304 Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335 | 2.5-<5% |
| EC number: 931-274-8 Reg.nr.: 01-2119485796-17 | aliphatic polyisocyanate Acute Tox. 4, H312; Skin Sens. 1, H317; STOT SE 3, H335 EUH204 | 2.5-<5% |
| EC number: 918-668-5 Reg.nr.: 01-2119455851-35 | Hydrocarbons, C9, aromatics Flam. Liq. 3, H226 Asp. Tox. 1, H304 Aquatic Chronic 2, H411 STOT SE 3, H335-H336 EUH066 | <2.5% |
| CAS: 104810-47-1 ELINCS: 400-830-7 Index number: 607-176-00-3 Reg.nr.: 01-2119396032-43 | Mixture of alpha-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4- hydroxyphenyl)propionyl-omega-hydroxypoly(oxyethylene) and alpha-3-(3-(2 Aquatic Chronic 2, H411 Skin Sens. 1, H317 | ≤ 0.5% |

· Additional information:

The content of Benzene (EINECS-Nr. 200-753-7) in the ingredients is less than 0,1% (Note P Annex 1A 1272/2008 EU), so the classification as carcinogen need not to apply. xylene: Contains ethylbenzene CAS 100-41-4

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

SECTION 4: First aid measures

• 4.1 Description of first aid measures

· After inhalation:

2

Supply fresh air and to be sure call for a doctor.

- In case of unconsciousness place patient stably in side position for transportation.
- · After skin contact: Immediately wash with water and soap and rinse thoroughly.
- After eye contact:
- Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- · After swallowing: Drink plenty of water and provide fresh air. Call for a doctor 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.

(Contd. on page 4)

GB

Page 4/11

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 15.12.2021

Version number 12 (replaces version 11)

Revision: 15.12.2021

Trade name: Colormatic 2K ClearCoat with hardener gloss / high gloss

(Contd. of page 3)

SECTION 5: Firefighting measures

- · 5.1 Extinguishing media
- · Suitable extinguishing agents:

CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam. Use fire extinguishing methods suitable to surrounding conditions.

- · 5.2 Special hazards arising from the substance or mixture
- During heating or in case of fire poisonous gases are produced.
- · 5.3 Advice for firefighters ·
- · Protective equipment: Mouth respiratory protective device.

SECTION 6: Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures Mount respiratory protective device.
 Wear protective equipment. Keep unprotected persons away.
 Keep away from ignition sources.
 6.2 Emission metal processions and a statemetal procession of the statemetal process.
- 6.2 Environmental precautions: Do not allow to enter sewers/ surface or ground water.
- 6.3 Methods and material for containment and cleaning up: Dispose contaminated material as waste according to item 13. 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 Ensure good ventilation/exhaustion at the workplace.
- · Information about fire and explosion protection:
- Keep ignition sources away Do not smoke. Keep respiratory protective device available.
- · 7.2 Conditions for safe storage, including any incompatibilities
- · Storage:
- **Requirements to be met by storerooms and receptacles:** Observe official regulations on storing packagings with pressurised containers.
- · Information about storage in one common storage facility: Not required.
- Further information about storage conditions: Keep container tightly sealed.
- · Storage class: 2 B
- 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:

115-10-6 dimethyl ether

- WEL Short-term value: 958 mg/m³, 500 ppm
 - Long-term value: 766 mg/m³, 400 ppm

67-64-1 acetone

WEL Short-term value: 3620 mg/m³, 1500 ppm Long-term value: 1210 mg/m³, 500 ppm

(Contd. on page 5)

GB

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

Printing date 15.12.2021

Version number 12 (replaces version 11)

Revision: 15.12.2021

Trade name: Colormatic 2K ClearCoat with hardener gloss / high gloss

| 25-0 | 6-4 n-butyl acetate (Contd. of pag |
|---|--|
| | Short-term value: 966 mg/m ³ , 200 ppm |
| | Long-term value: 724 mg/m ³ , 150 ppm |
| | 5-6 2-methoxy-1-methylethyl acetate |
| | Short-term value: 548 mg/m ³ , 100 ppm |
| | Long-term value: 274 mg/m ³ , 50 ppm |
| | Sk |
| xylen | 2 |
| WEL | Short-term value: 441 mg/m³, 100 ppm |
| | Long-term value: 220 mg/m ³ , 50 ppm |
| | Sk; BMGV |
| Ingre | dients with biological limit values: |
| xylen | 2 |
| BMG | V 650 mmol/mol creatinine |
| | Medium: urine |
| | Sampling time: post shift |
| | Parameter: methyl hippuric acid conal information: The lists valid during the making were used as basis. |
| Indivi | cposure controls priate engineering controls No further data; see item 7. dual protection measures, such as personal protective equipment ral protective and hygienic measures: |
| Indivi G ene r Keep Imme Wash Do no Avoid Avoid | priate engineering controls No further data; see item 7. dual protection measures, such as personal protective equipment |
| Indivi G ene r Keep Imme Wash Do no Avoid Avoid | <i>priate engineering controls</i> No further data; see item 7. <i>dual protection measures, such as personal protective equipment</i> <i>ral protective and hygienic measures:</i> away from foodstuffs, beverages and feed. <i>diately remove all soiled and contaminated clothing</i> <i>hands before breaks and at the end of work.</i> <i>t inhale gases / fumes / aerosols.</i> <i>contact with the eyes and skin.</i> <i>contact with the eyes.</i> |
| Indivi Gener Keep Imme Wash Do no Avoid Avoid Respi Filter | <i>priate engineering controls</i> No further data; see item 7. <i>dual protection measures, such as personal protective equipment</i> <i>ral protective and hygienic measures:</i> away from foodstuffs, beverages and feed. diately remove all soiled and contaminated clothing hands before breaks and at the end of work. <i>t inhale gases / fumes / aerosols.</i> <i>contact with the eyes and skin.</i> <i>contact with the eyes.</i> <i>ratory protection:</i> In case of brief exposure or low pollution use respiratory filter device. In case of intensive or |
| Indivi Gener Keep Imme Wash Do no Avoid Avoid Respi Filter | Az/P3 |

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.

· Penetration time of glove material

Butyl rubber gloves with a thickness of 0.4 mm are resistant to: Acetone: 480 min Butyl acetate: 60 min Ethyl acetate: 170 min Xylene: 42 min Butyl rubber gloves with a thickness of 0.4 mm are solvent resis

Butyl rubber gloves with a thickness of 0.4 mm are solvent resistant for 42- 480 minutes. As protective measure, we recommend that users and responsible persons for work safety assume solvent resistance length of 42 minutes. Considering the data in section 3 of this SDS, one can assume longer resistance length in particular cases.

(Contd. on page 6)

GB

*

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

Printing date 15.12.2021

Version number 12 (replaces version 11)

Revision: 15.12.2021

Trade name: Colormatic 2K ClearCoat with hardener gloss / high gloss

| Fuellance understime | (Contd. of pag |
|---|--|
| Eye/face protection | |
| Tightly sealed goggles | |
| | |
| SECTION 9: Physical and chemical prop | perties |
| 9.1 Information on basic physical and chemical p General Information | roperties |
| Physical state | Aerosol |
| Colour: | According to product specification |
| Odour: | Characteristic |
| Odour threshold: | Not determined. |
| Melting point/freezing point: | Undetermined. |
| Boiling point or initial boiling point and boiling | |
| range | Not applicable, as aerosol. |
| Flammability | Not applicable. |
| Lower and upper explosion limit | |
| Lower: | 1.2 Vol % |
| Upper: | 26.2 Vol % |
| Flash point: | Not applicable, as aerosol. |
| Decomposition temperature: | Not determined. |
| | Not determined. |
| pH Viscosity: | 1401 ueiei mineu. |
| | Not determined. |
| Kinematic viscosity | |
| Dynamic: | Not determined. |
| Solubility | |
| water: | Not miscible or difficult to mix. |
| Partition coefficient n-octanol/water (log value) | Not determined. |
| Vapour pressure at 20 $^{\circ}C$ (68 $^{\circ}F$): | 4000 hPa (3000.2 mm Hg) |
| Density and/or relative density | $0.9 \text{ a/am}^3/67 \text{ lba/aal}$ |
| Density at 20 °C (68 °F): | 0.8 g/cm ³ (6.7 lbs/gal) Not determined. |
| Relative density | |
| Vapour density | Not determined. |
| 9.2 Other information Appearance: | |
| Form: | Aerosol |
| Important information on protection of health and | |
| environment, and on safety. | |
| Ignition temperature: | 240 °C (464 °F) |
| Explosive properties: | Not determined. |
| Solvent content: | |
| Organic solvents: | 83.8 % |
| VOC (EC) | |
| | 670.2 g/l |
| VOC-EU% | 83.77 % |
| Solids content: | 85.77 % 11.9 % |
| | 11.7 /0 |
| Change in condition Evaporation rate | Not applicable. |
| Information with regard to physical hazard classe | |
| Explosives | Void |
| Flammable gases | Void |
| Aerosols | <i>Extremely flammable aerosol. Pressurised container:</i> |
| | TATE THE V HAUDINATILE DETUNDE T TENMITINED CONDUCTOR |

(Contd. on page 7) GB

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

Printing date 15.12.2021

Version number 12 (replaces version 11)

Revision: 15.12.2021

Trade name: Colormatic 2K ClearCoat with hardener gloss / high gloss

| | | (Contd. of page 6) |
|---|------|--------------------|
| · Oxidising gases | Void | |
| · Gases under pressure | Void | |
| · Flammable liquids | Void | |
| · 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 flamm | able | |
| 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
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- · 10.3 Possibility of hazardous reactions No dangerous reactions known.
- \cdot 10.4 Conditions to avoid No further relevant information available.
- 10.5 Incompatible materials: No further relevant information available.
- · 10.6 Hazardous decomposition products: No dangerous decomposition products known.

SECTION 11: Toxicological information

· 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

· Acute toxicity

2

| LD/LC50 | values releva | int for classification: |
|-------------|---------------|------------------------------|
| 67-64-1 ac | etone | |
| Oral | LD50 | 5800 mg/kg (rat) |
| Dermal | LD50 | >15800 mg/kg (rabbit) |
| Inhalative | LC50 / 4h | 76 mg/l (rat) |
| 123-86-4 n | ı-butyl aceta | te |
| Oral | LD50 | 10800 mg/kg (rat) (OECD 401) |
| Dermal | LD50 | >17600 mg/kg (rabbit) |
| Inhalative | LC50/4 h | >21 mg/m3 (rat) |
| 108-65-62 | 2-methoxy-1- | methylethyl acetate |
| Oral | LD50 | 8530 mg/kg (rat) |
| Dermal | LD50 | >5000 mg/kg (rabbit) |
| Inhalative | LC50/4 h | >10000 mg/m3 (rat) |
| xylene | , | |
| Oral | LD50 | 3523 mg/kg (rat) |
| Dermal | LD50 | 2000 mg/kg (rabbit) |
| Inhalative | LC50/4 h | 29000 mg/m3 (rat) |
| aliphatic p | olyisocyanai | te |
| Oral | LD50 | 2500 mg/kg (rat) (OECD 402) |
| Dermal | LD50 | 2000 mg/kg (rat) (OECD 402) |
| | | (Contd. on page |

GB

Page 8/11

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

Printing date 15.12.2021

Version number 12 (replaces version 11)

Revision: 15.12.2021

Trade name: Colormatic 2K ClearCoat with hardener gloss / high gloss

| | | (Contd. of page 7) |
|--------------|-----------------|--|
| Inhalative | LC50/4 h | 400 mg/m3 (rat) |
| Hydrocari | bons, C9, aro | matics |
| Oral | LD50 | 3592 mg/kg (rat) |
| Dermal | LD50 | 3160 mg/kg (rabbit) |
| bis(1,2,2,6 | 6,6-pentameth | yl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate |
| Oral | LD50 | 3230 mg/kg (rat) (OECD 401) |
| Dermal | LD50 | >3170 mg/kg (rat) (OECD 402) |
| | LC50/96 h | 0.9 mg/l (fish) (Oncorhynchus mykiss) |
| · Skin corre | osion/irritatio | n No irritant effect. |
| · Serious ey | e damage/irr | itation Causes serious eye irritation. |
| · Respirator | ry or skin sen | sitisation May cause an allergic skin reaction. |
| · STOT-sin | gle exposure | May cause drowsiness or dizziness. |
| • 11.2 Infor | mation on ot | her hazards |

· Endocrine disrupting properties

None of the ingredients is listed.

SECTION 12: Ecological information

· 12.1 Toxicity

*

| 115-10-6 dimethyl ether EC50 / 96 h 155 mg/l (algae) LC50 / 48 h >4000 mg/l (daphnia magna) LC50 / 96 h >4000 mg/l (fish) 67-64-1 acetone LC50 / 96 h 300 mg/l (fish) EC50 / 96 h 7200 mg/l (algae) LC50 / 96 h 7200 mg/l (algae) LC50 / 96 h 8450 mg/l (crustacean (water flea)) 108-65-6 2-methoxy-1-methylethyl acetate EC50 / 48 h >500 mg/l (daphnia magna) LC50 / 96 h 100-180 mg/l (oncorhynchus mykiss / Regenbogenforelle) xylene EC50 / 48 h 7.4 mg/l (daphnia magna) LC50 / 96 h 13.5 mg/l (fish) Hydrocarbons, C9, aromatics EC50 / 72 h 3.2 mg/l (Daphnia magna) LC50 / 96 h 3.2 mg/l (Daphnia magna) EC50 / 72 h 2.75 mg/l (Pseudokirchneriella Subcapitata) EC50 / 72 h 9.2 mg/l (Regenbogenforelle) bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate EC50 / 72 h 1.68 mg/l (desmdesmus subspicatus / Grünalge) (Pseudokirchnerella subcapitata) · 12.4 Mobility in soil No further relevant information available. | • Aquatic toxi | city: |
|--|----------------|--|
| LC50 / 48 h >4000 mg/l (daphnia magna) LC50 / 96 h >4000 mg/l (fish) 67-64-1 acetone LC50/96h 8300 mg/l (fish) EC50/96h 7200 mg/l (algae) LC50 / 48 h 8450 mg/l (crustacean (water flea)) 108-65-6 2-methoxy-1-methylethyl acetate EC50 / 48 h >500 mg/l (daphnia magna) LC50 / 96 h 100-180 mg/l (oncorhynchus mykiss / Regenbogenforelle) xylene | 115-10-6 din | nethyl ether |
| LC50/96 h >4000 mg/l (fish) 67-64-1 acetore LC50/96 h 8300 mg/l (fish) EC50/96 h 7200 mg/l (algae) LC50/48 h 8450 mg/l (crustacean (water flea)) 108-65-62-methoxy-1-methylethyl acetate EC50/96 h 100-180 mg/l (oncorhynchus mykiss / Regenbogenforelle) xylene EC50/48 h 7.4 mg/l (daphnia magna) LC50/96 h 100-180 mg/l (oncorhynchus mykiss / Regenbogenforelle) xylene EC50/48 h EC50/48 h 7.4 mg/l (daphnia magna) LC50/96 h 13.5 mg/l (fish) Hydrocarbors, C9, aromatics EC50/12 h EC50/12 h 2.75 mg/l (Pseudokirchneriella Subcapitata) EC50/72 h 2.75 mg/l (Regenbogenforelle) bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate EC50/72 h 1.68 mg/l (desmdesmus subspicatus / Grünalge) (Pseudokirchnerella subcapitata) ·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. | EC50 / 96 h | 155 mg/l (algae) |
| 67-64-1 acetone LC50/96h 8300 mg/l (fish) EC50/96h 7200 mg/l (algae) LC50/48 h 8450 mg/l (crustacean (water flea)) 108-65-6 2-methoxy-1-methylethyl acetate EC50/48 h >500 mg/l (daphnia magna) LC50 / 96 h 100-180 mg/l (oncorhynchus mykiss / Regenbogenforelle) xylene | LC50 / 48 h | >4000 mg/l (daphnia magna) |
| LC50/96h8300 mg/l (fish)EC50/96h7200 mg/l (algae)LC50/48 h8450 mg/l (crustacean (water flea))108-65-6 2-methoxy-1-methylethyl acetateEC50/48 h>500 mg/l (daphnia magna)LC50 / 96 h100-180 mg/l (oncorhynchus mykiss / Regenbogenforelle)xyleneEC50/48 h7.4 mg/l (daphnia magna)LC50 / 96 h13.5 mg/l (fish)Hydrocarbors, C9, aromaticsEC50 / 48 h3.2 mg/l (Daphnia magna)LC50 / 96 h3.2 mg/l (Daphnia magna)EC50 / 72 h2.75 mg/l (Pseudokirchneriella Subcapitata)EC50 / 96 h9.2 mg/l (Regenbogenforelle)bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacateEC50 / 72 h1.68 mg/l (desmdesmus subspicatus / Grünalge) (Pseudokirchnerella subcapitata)· 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.· WvB: Not applicable. | LC50 / 96 h | >4000 mg/l (fish) |
| EC50/96h7200 mg/l (algae) LC50 / 48 h8450 mg/l (crustacean (water flea)) 108-65-6 2-methoxy-1-methylethyl acetate EC50 / 48 h>500 mg/l (daphnia magna) LC50 / 96 h100-180 mg/l (oncorhynchus mykiss / Regenbogenforelle)xyleneEC50 / 48 h7.4 mg/l (daphnia magna) LC50 / 96 h13.5 mg/l (fish)Hydrocarbons, C9, aromaticsEC50 / 48 h3.2 mg/l (Daphnia magna) EC50 / 72 h2.75 mg/l (Pseudokirchneriella Subcapitata) EC50 / 96 hEC50 / 96 h9.2 mg/l (Regenbogenforelle)bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacateEC50 / 72 h1.68 mg/l (desmdesmus subspicatus / Grünalge) (Pseudokirchnerella subcapitata)· 12.2 Persistence and degradability No further relevant information available. · 12.3 Bioaccumulative potential No further relevant information available. · 12.5 Results of PBT and vPVB assessment · PBT: Not applicable.· PVB: Not applicable. | 67-64-1 acet | one |
| LC50 / 48 h8450 mg/l (crustacean (water flea)) 108-65-6 2-methoxy-1-methylethyl acetate EC50 / 48 h>500 mg/l (daphnia magna)LC50 / 96 h100-180 mg/l (oncorhynchus mykiss / Regenbogenforelle)xyleneEC50 / 48 h7.4 mg/l (daphnia magna)LC50 / 96 h13.5 mg/l (fish)Hydrocarbors, C9, aromaticsEC50 / 48 h3.2 mg/l (Daphnia magna)EC50 / 72 h2.75 mg/l (Pseudokirchneriella Subcapitata)EC50 / 96 h9.2 mg/l (Regenbogenforelle)bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacateEC50 / 72 h1.68 mg/l (desmdesmus subspicatus / Grünalge) (Pseudokirchnerella subcapitata)· 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. | LC50/96h | 8300 mg/l (fish) |
| 108-65-6 2-methoxy-1-methylethyl acetate EC50 / 48 h >500 mg/l (daphnia magna) LC50 / 96 h 100-180 mg/l (oncorhynchus mykiss / Regenbogenforelle) xylene EC50 / 48 h 7.4 mg/l (daphnia magna) LC50 / 96 h 13.5 mg/l (fish) Hydrocarbons, C9, aromatics EC50 / 48 h 3.2 mg/l (Daphnia magna) EC50 / 72 h 2.75 mg/l (Pseudokirchneriella Subcapitata) EC50 / 96 h 9.2 mg/l (Regenbogenforelle) bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate EC50 / 72 h 1.68 mg/l (desmdesmus subspicatus / Grünalge) (Pseudokirchnerella subcapitata) • 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. | EC50/96h | 7200 mg/l (algae) |
| EC50 / 48 h >500 mg/l (daphnia magna) LC50 / 96 h 100-180 mg/l (oncorhynchus mykiss / Regenbogenforelle) xylene EC50 / 48 h 7.4 mg/l (daphnia magna) LC50 / 96 h 13.5 mg/l (fish) Hydrocarbons, C9, aromatics EC50 / 48 h 3.2 mg/l (Daphnia magna) EC50 / 72 h 2.75 mg/l (Pseudokirchneriella Subcapitata) EC50 / 96 h 9.2 mg/l (Regenbogenforelle) bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate EC50 / 72 h 1.68 mg/l (desmdesmus subspicatus / Grünalge) (Pseudokirchnerella subcapitata) • 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. | LC50 / 48 h | 8450 mg/l (crustacean (water flea)) |
| LC50 / 96 h100-180 mg/l (oncorhynchus mykiss / Regenbogenforelle)xyleneEC50 / 48 h7.4 mg/l (daphnia magna)LC50 / 96 h13.5 mg/l (fish)Hydrocarbors, C9, aromaticsEC50 / 48 h3.2 mg/l (Daphnia magna)EC50 / 72 h2.75 mg/l (Pseudokirchneriella Subcapitata)EC50 / 96 h9.2 mg/l (Regenbogenforelle)bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacateEC50 / 72 h1.68 mg/l (desmdesmus subspicatus / Grünalge) (Pseudokirchnerella subcapitata)· 12.2 Persister-c and degradability 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. | 108-65-6 2-n | nethoxy-1-methylethyl acetate |
| xylene EC50 / 48 h 7.4 mg/l (daphnia magna) LC50 / 96 h 13.5 mg/l (fish) Hydrocarbons, C9, aromatics EC50 / 48 h 3.2 mg/l (Daphnia magna) EC50 / 72 h 2.75 mg/l (Pseudokirchneriella Subcapitata) EC50 / 96 h 9.2 mg/l (Regenbogenforelle) bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate EC50 / 72 h 1.68 mg/l (desmdesmus subspicatus / Grünalge) (Pseudokirchnerella subcapitata) • 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. | EC50 / 48 h | >500 mg/l (daphnia magna) |
| EC50 / 48 h7.4 mg/l (daphnia magna)LC50 / 96 h13.5 mg/l (fish)Hydrocarbons, C9, aromaticsEC50 / 48 h3.2 mg/l (Daphnia magna)EC50 / 72 h2.75 mg/l (Pseudokirchneriella Subcapitata)EC50 / 72 h9.2 mg/l (Regenbogenforelle)bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacateEC50 / 72 h1.68 mg/l (desmdesmus subspicatus / Grünalge) (Pseudokirchnerella subcapitata)· 12.2 Persistence and degradability No further relevant information available.· 12.3 Bioaccumulative potential No further relevant information available.· 12.5 Results of PBT and vPvB assessment· PBT: Not applicable.· vPvB: Not applicable. | LC50 / 96 h | 100-180 mg/l (oncorhynchus mykiss / Regenbogenforelle) |
| LC50 / 96 h13.5 mg/l (fish)Hydrocarbons, C9, aromaticsEC50 / 48 h3.2 mg/l (Daphnia magna)EC50 / 72 h2.75 mg/l (Pseudokirchneriella Subcapitata)EC50 / 96 h9.2 mg/l (Regenbogenforelle)bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacateEC50 / 72 h1.68 mg/l (desmdesmus subspicatus / Grünalge) (Pseudokirchnerella subcapitata)· 12.2 Persistence and degradability No further relevant information available.· 12.3 Bioaccumulative potential No further relevant information available.· 12.5 Results of PBT and vPvB assessment· PBT: Not applicable.· vPvB: Not applicable. | xylene | |
| Hydrocarbons, C9, aromatics EC50/48 h 3.2 mg/l (Daphnia magna) EC50/72 h 2.75 mg/l (Pseudokirchneriella Subcapitata) EC50/96 h 9.2 mg/l (Regenbogenforelle) bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate EC50/72 h 1.68 mg/l (desmdesmus subspicatus / Grünalge) (Pseudokirchnerella subcapitata) • 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. | EC50 / 48 h | 7.4 mg/l (daphnia magna) |
| EC50/48 h 3.2 mg/l (Daphnia magna) EC50/72 h 2.75 mg/l (Pseudokirchneriella Subcapitata) EC50/96 h 9.2 mg/l (Regenbogenforelle) bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate EC50/72 h 1.68 mg/l (desmdesmus subspicatus / Grünalge) (Pseudokirchnerella subcapitata) 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. | LC50 / 96 h | 13.5 mg/l (fish) |
| EC50/72 h 2.75 mg/l (Pseudokirchneriella Subcapitata) EC50/96 h 9.2 mg/l (Regenbogenforelle) bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate EC50/72 h 1.68 mg/l (desmdesmus subspicatus / Grünalge) (Pseudokirchnerella subcapitata) 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. | Hydrocarbor | ns, C9, aromatics |
| EC50/96 h9.2 mg/l (Regenbogenforelle)bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacateEC50/72 h1.68 mg/l (desmdesmus subspicatus / Grünalge) (Pseudokirchnerella subcapitata)· 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. | EC50 / 48 h | 3.2 mg/l (Daphnia magna) |
| bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate EC50/72 h 1.68 mg/l (desmdesmus subspicatus / Grünalge) (Pseudokirchnerella subcapitata) 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. | EC50 / 72 h | 2.75 mg/l (Pseudokirchneriella Subcapitata) |
| EC50 / 72 h 1.68 mg/l (desmdesmus subspicatus / Grünalge) (Pseudokirchnerella subcapitata) 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. | EC50 / 96 h | 9.2 mg/l (Regenbogenforelle) |
| 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. | bis(1,2,2,6,6- | -pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate |
| 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. | EC50 / 72 h | 1.68 mg/l (desmdesmus subspicatus / Grünalge) (Pseudokirchnerella subcapitata) |
| 12.4 Mobility in soil No further relevant information available. 12.5 Results of PBT and vPvB assessment PBT: Not applicable. vPvB: Not applicable. | | |
| 12.5 Results of PBT and vPvB assessment PBT: Not applicable. vPvB: Not applicable. | | |
| • PBT: Not applicable. • vPvB: Not applicable. | | |
| · vPvB: Not applicable. | | |
| | | |
| · 12.0 Phaocille animplify broberlies | | |

The product does not contain substances with endocrine disrupting properties.

(Contd. on page 9)

GB

Page 9/11

*

*

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

accoraing to 1907/2006/EC, Artic

Printing date 15.12.2021

Version number 12 (replaces version 11)

Revision: 15.12.2021

Trade name: Colormatic 2K ClearCoat with hardener gloss / high gloss

(Contd. of page 8)

GB

- · 12.7 Other adverse effects
- \cdot Additional ecological information:
- · General notes:

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water Do not allow product to reach ground water, water course or sewage system. Danger to drinking water if even small quantities leak into the ground.

SECTION 13: Disposal considerations

· 13.1 Waste treatment methods

· Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

• Uncleaned packaging:

• *Recommendation:* Dispose of packaging according to regulations on the disposal of packagings.

| 14.1 UN number or ID number ADR, IMDG, IATA | UN1950 |
|--|--|
| 14.2 UN proper shipping name ADR | 1950 AEROSOLS |
| IMDG | AEROSOLS |
| IATA | AEROSOLS AEROSOLS, flammable |
| 14.3 Transport hazard class(es) | |
| ADR | |
| | |
| Class | 2 5F Gases. |
| Label | 2.1 |
| Class Label | 2.1 Gases. 2.1 |
| 14.4 Packing group ADR, IMDG, IATA | not regulated |
| 14.5 Environmental hazards: | Not applicable. |
| 14.6 Special precautions for user | Warning: Gases. |
| Hazard identification number (Kemler code): | - |
| EMS Number: | F-D,S-U |
| Stowage Code | SW1 Protected from sources of heat. |
| | SW22 For AEROSOLS with a maximum capacity of 1 litre: Category A. For AEROSOLS with a capacity abov |
| | 1 litre: Category B. For WASTE AEROSOLS: Category |
| | C, Clear of living quarters. |
| Segregation Code | SG69 For AEROSOLS with a maximum capacity of 1 |
| | litre: Segregation as for class 9. Stow "separated from" class |

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

Printing date 15.12.2021

Version number 12 (replaces version 11)

Revision: 15.12.2021

Trade name: Colormatic 2K ClearCoat with hardener gloss / high gloss

| | (Contd. of page |
|---|---|
| | except for division 1.4. |
| | For AEROSOLS with a capacity above 1 litre: |
| | Segregation as for the appropriate subdivision of class |
| | For WASTE AEROSOLS: |
| | Segregation as for the appropriate subdivision of class |
| 14.7 Maritime transport in bulk accordi | ing to IMO |
| instruments | Not applicable. |
| Transport/Additional information: | |
| ADR | |
| Limited quantities (LQ) | 1L |
| Excepted quantities $(\widetilde{E}Q)$ | Code: E0 |
| | Not permitted as Excepted Quantity |
| Transport category | 2 |
| Tunnel restriction code | D |
| IMDG | |
| Limited quantities (LQ) | 1L |
| Excepted quantities $(\tilde{E}Q)$ | Code: E0 |
| · · - | Not permitted as Excepted Quantity |
| UN "Model Regulation": | UN 1950 AEROSOLS, 2.1 |

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.
- · Seveso category P3a FLAMMABLE AEROSOLS
- Qualifying quantity (tonnes) for the application of lower-tier requirements 150 t
- \cdot Qualifying quantity (tonnes) for the application of upper-tier requirements 500 t
- · National regulations:
- · Other regulations, limitations and prohibitive regulations
- · Substances of very high concern (SVHC) according to REACH, Article 57
- None of the ingredients is listed.
- · 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

- H220 Extremely flammable gas.
- H225 Highly flammable liquid and vapour.
- H226 Flammable liquid and vapour.
- H280 Contains gas under pressure; may explode if heated.
- H304 May be fatal if swallowed and enters airways.
- H312 Harmful in contact with skin.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation.
- H332 Harmful if inhaled.
- H335 May cause respiratory irritation.
- H336 May cause drowsiness or dizziness.

(Contd. on page 11)

GB

Page 11/11

Printing date 15.12.2021

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

Version number 12 (replaces version 11)

Revision: 15.12.2021

Trade name: Colormatic 2K ClearCoat with hardener gloss / high gloss

| H373 | | page |
|------------|--|--------|
| | May cause damage to organs through prolonged or repeated exposure. | |
| H411 | <i>Toxic to aquatic life with long lasting effects.</i> | |
| EUH066 | Repeated exposure may cause skin dryness or cracking. | |
| | Contains isocyanates. May produce an allergic reaction. | |
| | tions and acronyms: | |
| | ement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerni | na th |
| 0 | al Transport of Dangerous Goods by Rail) | ng ine |
| | ernational Civil Aviation Organisation | |
| | ord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the | , |
| | al Carriage of Dangerous Goods by Road) | |
| | ernational Maritime Code for Dangerous Goods | |
| | rnational Air Transport Association | |
| | pally Harmonised System of Classification and Labelling of Chemicals | |
| | European Inventory of Existing Commercial Chemical Substances | |
| ELINCS: E | European List of Notified Chemical Substances | |
| CAS: Chem | nical Abstracts Service (division of the American Chemical Society) | |
| VOC: Volat | ttile Organic Compounds (USA, EU) | |
| | hal concentration, 50 percent | |
| | hal dose, 50 percent | |
| | istent, Bioaccumulative and Toxic | |
| | bstances of Very High Concern | |
| | Persistent and very Bioaccumulative | |
| | 1A: Flammable gases – Category 1A | |
| | Aerosols – Category 1 | |
| | (Comp.): Gases under pressure – Compressed gas | |
| | 2: Flammable liquids – Category 2 | |
| | 3: Flammable liquids – Category 3 | |
| | 4: Acute toxicity – Category 4 2: Skin corrosion/irritation – Category 2 | |
| | 2. Skil corrosion/irritation – Category 2 2: Serious eye damage/eye irritation – Category 2 | |
| | 1: Skin sensitisation – Category 1 | |
| | 2: Specific target organ toxicity (single exposure) – Category 3 | |
| | 2: Specific target organ toxicity (repeated exposure) – Category 2 | |
| | : Specific larger organ lowerly (repeated exposure) Calegory 2 | |
| | hronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2 | |
| * | ompared to the previous version altered. | |