

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

Printing date 30.10.2023

Version number 7 (replaces version 6)

Revision: 14.07.2023

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

- **1.1 Product identifier**
- **Trade name:** Colormatic 2K ClearCoat with hardener gloss / high gloss
- **Article number:** 231650
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.
- **Sector of Use**  
SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
- **Product category** PC9a Coatings and paints, thinners, paint removers
- **Process category**  
PROC7 Industrial spraying  
PROC11 Non industrial spraying
- **Application of the substance / the mixture** Clear coating material, Varnish
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
European Aerosols GmbH\*  
Kurt Vogelsang Strasse 6  
D-74855 Haßmersheim  
Tel.: +49 (0) 6266 750  
e-mail: sds-de@european-aerosols.com
- \*Formerly known as Motip Dupli GmbH
- **Further information obtainable from:** Department Product Safety
- **1.4 Emergency telephone number:**  
Tel.: +49 6266-75-310  
Fax +49 6266-75-362  
(Mo - Th 08:00 am - 04:00 pm, Fr 08:00 am - 00:30 pm)
- **UK:**  
Public emergency phone no: 111  
Only for healthcare professionals: 0344 892 0111
- **Ireland:**  
Poison center if childs have been poisoned: 01 809 2166 (8:00 am - 10:00 pm, 7 days)  
Only for healthcare professionals: 01 809 2566 (24 h / 7 days)
- **Tox Info Suisse 145 (24-h-emergency number)**

**SECTION 2: Hazards identification**

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**



Aerosol 1                      H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.



Eye Irrit. 2                      H319                      Causes serious eye irritation.

(Contd. on page 2)

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

Printing date 30.10.2023

Version number 7 (replaces version 6)

Revision: 14.07.2023

**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.

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 GB CLP regulation.

· **Hazard pictograms**



GHS02 GHS07

· **Signal word** *Danger*

· **Hazard-determining components of labelling:**

aliphatic polyisocyanate

n-butyl acetate

acetone

2-methoxy-1-methylethyl acetate

bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate

3-isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate, oligomers

Mixture of alpha-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-omega-hydroxypoly(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.

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.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

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 / eye protection.

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.

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.

(Contd. on page 3)

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

Printing date 30.10.2023

Version number 7 (replaces version 6)

Revision: 14.07.2023

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

(Contd. of page 2)

· Dangerous components:		
CAS: 115-10-6 EINECS: 204-065-8 Index number: 603-019-00-8 Reg.nr.: 01-2119472128-37	dimethyl ether ⚠ Flam. Gas 1A, H220 ⚠ Press. Gas (Comp.), H280	25-<50%
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: 67-64-1 EINECS: 200-662-2 Index number: 606-001-00-8 Reg.nr.: 01-2119471330-49	acetone ⚠ Flam. Liq. 2, H225 ⚠ Eye Irrit. 2, H319; STOT SE 3, H336 EUH066	10-<12.5%
EC number: 931-274-8 Reg.nr.: 01-2119485796-17	aliphatic polyisocyanate ⚠ Acute Tox. 4, H332; Skin Sens. 1, H317; STOT SE 3, H335 EUH204	2.5-<5%
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%
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	<2.5%
CAS: 110-19-0 EINECS: 203-745-1 Index number: 607-026-00-7 Reg.nr.: 01-2119488971-22	isobutyl acetate ⚠ Flam. Liq. 2, H225 EUH066	<2.5%
CAS: 64742-95-6 EINECS: 265-199-0 Index number: 649-356-00-4 Reg.nr.: 01-2119486773-24	Solvent naphtha (petroleum), light arom. ⚠ Flam. Liq. 3, H226 ⚠ Asp. Tox. 1, H304 ⚠ Aquatic Chronic 2, H411 ⚠ Skin Irrit. 2, H315; STOT SE 3, H336	<2.5%
CAS: 95-63-6 EINECS: 202-436-9 Index number: 601-043-00-3 Reg.nr.: 01-2119472135-42	1,2,4-trimethylbenzene ⚠ Flam. Liq. 3, H226 ⚠ Aquatic Chronic 2, H411 ⚠ Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	<2.5%
EC number: 931-312-3 Reg.nr.: 01-2119488734-24	3-isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate, oligomers ⚠ Skin Sens. 1, H317; STOT SE 3, H335	<1%
CAS: 108-10-1 EINECS: 203-550-1 Index number: 606-004-00-4 Reg.nr.: 01-2119473980-30	4-methylpentan-2-one ⚠ Flam. Liq. 2, H225 ⚠ Carc. 2, H351 ⚠ Acute Tox. 4, H332; Eye Irrit. 2, H319; STOT SE 3, H336 EUH066 ATE: LC50 / 4 h inhalative: 11 mg/m3	<1%

(Contd. on page 4)

GB

# Safety data sheet

## according to 1907/2006/EC, Article 31

Printing date 30.10.2023

Version number 7 (replaces version 6)

Revision: 14.07.2023

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

(Contd. of page 3)

EC number: 915-687-0 Reg.nr.: 01-2119491304-40-xxxx	bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate ⚠ Repr. 2, H361f ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410 ⚠ Skin Sens. 1A, H317	≤0.5%
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 IA 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:**

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.

### SECTION 5: Firefighting measures

**5.1 Extinguishing media**
**Suitable extinguishing agents:**

CO<sub>2</sub>, 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 Environmental precautions:**

Inform respective authorities in case of seepage into water course or sewage system.

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 section 13.

Ensure adequate ventilation.

**6.4 Reference to other sections**

See Section 7 for information on safe handling.

(Contd. on page 5)

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

Printing date 30.10.2023

Version number 7 (replaces version 6)

Revision: 14.07.2023

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

(Contd. of page 4)

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/m<sup>3</sup>, 500 ppm  
Long-term value: 766 mg/m<sup>3</sup>, 400 ppm

##### **123-86-4 n-butyl acetate**

WEL Short-term value: 966 mg/m<sup>3</sup>, 200 ppm  
Long-term value: 724 mg/m<sup>3</sup>, 150 ppm

##### **67-64-1 acetone**

WEL Short-term value: 3620 mg/m<sup>3</sup>, 1500 ppm  
Long-term value: 1210 mg/m<sup>3</sup>, 500 ppm

##### **xylene**

WEL Short-term value: 441 mg/m<sup>3</sup>, 100 ppm  
Long-term value: 220 mg/m<sup>3</sup>, 50 ppm  
Sk; BMGV

##### **108-65-6 2-methoxy-1-methylethyl acetate**

WEL Short-term value: 548 mg/m<sup>3</sup>, 100 ppm  
Long-term value: 274 mg/m<sup>3</sup>, 50 ppm  
Sk

##### **110-19-0 isobutyl acetate**

WEL Short-term value: 903 mg/m<sup>3</sup>, 187 ppm  
Long-term value: 724 mg/m<sup>3</sup>, 150 ppm

##### **95-63-6 1,2,4-trimethylbenzene**

WEL Long-term value: 125 mg/m<sup>3</sup>, 25 ppm  
ILV

##### **108-10-1 4-methylpentan-2-one**

WEL Short-term value: 416 mg/m<sup>3</sup>, 100 ppm  
Long-term value: 208 mg/m<sup>3</sup>, 50 ppm  
Sk, BMGV

(Contd. on page 6)

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

Printing date 30.10.2023

Version number 7 (replaces version 6)

Revision: 14.07.2023

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

(Contd. of page 5)

<b>· DNELs</b>	
<b>123-86-4 n-butyl acetate</b>	
Oral	DNEL 2 mg/kg /per day (Consumer, longterm systemic) DNEL 2 mg/kg /per day (Consumer, acute systemic)
Dermal	DNEL 11 mg/kg /per day (Worker, longterm systemic) DNEL 11 mg/kg /per day (Worker, acute systemic) DNEL 6 mg/kg /per day (Consumer, longterm systemic) DNEL 6 mg/kg /per day (Consumer, acute systemic)
Inhalative	DNEL 300 mg/m3 (Worker, longterm systemic) DNEL 600 mg/m3 (Worker, acute systemic) DNEL 300 mg/m3 (Worker, longterm local) DNEL 600 mg/m3 (Worker, acute local) DNEL 35.7 mg/m3 (Consumer, longterm systemic) DNEL 300 mg/m3 (Consumer; acute systemic) DNEL 35.7 mg/m3 (Consumer, longterm local)
<b>67-64-1 acetone</b>	
Oral	DNEL 62 mg/kg /per day (Consumer, longterm systemic)
Dermal	DNEL 62 mg/kg /per day (Consumer, longterm systemic) DNEL 186 mg/kg /per day (Worker, longterm systemic)
Inhalative	DNEL 2420 mg/m3 (Worker, acute local) DNEL 1210 mg/m3 (Worker, longterm systemic) DNEL 200 mg/m3 (Consumer, longterm systemic) DNEL 60 mg/m3
<b>xylene</b>	
Oral	DNEL 1.6 mg/kg /per day (Consumer, longterm systemic)
Dermal	DNEL 180 mg/kg /per day (Worker, longterm systemic)
Inhalative	DNEL 211 mg/m3 (Worker, longterm systemic) DNEL 221 mg/m3 (Worker, longterm local) DNEL 442 mg/m3 (Worker, acute systemic) DNEL 289 mg/m3 (Worker, acute local) DNEL 14.8 mg/m3 (Consumer, longterm systemic) DNEL 260 mg/m3 (Consumer; acute systemic) DNEL 65.3 mg/m3 (Consumer, longterm local) DNEL 260 mg/m3 (Consumer, acute local)
<b>108-65-6 2-methoxy-1-methylethyl acetate</b>	
Dermal	DNEL 796 mg/kg /per day (Worker, longterm systemic) DNEL 320 mg/kg /per day (Consumer, longterm systemic)
Inhalative	DNEL 275 mg/m3 (Worker, longterm systemic) DNEL 33 mg/m3 (Consumer, longterm systemic)
<b>64742-95-6 Solvent naphtha (petroleum), light arom.</b>	
Oral	DNEL 11 mg/kg /per day (Consumer, longterm systemic)
Dermal	DNEL 25 mg/kg /per day (Worker, longterm systemic) DNEL 11 mg/kg /per day (Consumer, longterm systemic)
Inhalative	DNEL 150 mg/m3 (Worker, longterm systemic) DNEL 32 mg/m3 (Consumer, longterm systemic)

(Contd. on page 7)

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

Printing date 30.10.2023

Version number 7 (replaces version 6)

Revision: 14.07.2023

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

(Contd. of page 6)

**108-10-1 4-methylpentan-2-one**

Oral	DNEL	4.2 mg/kg /per day (Consumer, longterm systemic)
Dermal	DNEL	11.8 mg/kg /per day (Worker, longterm systemic)
	DNEL	4.2 mg/kg /per day (Consumer, longterm systemic)
Inhalative	DNEL	208 mg/m <sup>3</sup> (Worker, acute local)
	DNEL	208 mg/m <sup>3</sup> (Worker, acute systemic)
	DNEL	83 mg/m <sup>3</sup> (Worker, longterm local)
	DNEL	83 mg/m <sup>3</sup> (Worker, longterm systemic)
	DNEL	155.2 mg/m <sup>3</sup> (Consumer; acute systemic)
	DNEL	155.2 mg/m <sup>3</sup> (Consumer, acute local)
	DNEL	14.7 mg/m <sup>3</sup> (Consumer, longterm systemic)
	DNEL	14.7 mg/m <sup>3</sup> (Consumer, longterm local)

## · PNECs

**123-86-4 n-butyl acetate**

PNEC	0.18 mg/l (Freshwater)
PNEC	0.018 mg/l (Seawater)
PNEC	0.36 mg/l (Sporadic release)
PNEC	35.6 mg/l (Sewage treatment plant)
PNEC	0.981 mg/kg (Freshwater sediment)
PNEC	0.0981 mg/kg (Seawater sediment)
PNEC	0.0903 mg/kg (Soil)

**67-64-1 acetone**

PNEC	10.6 mg/l (Freshwater)
PNEC	1.06 mg/l (Seawater)
PNEC	21 mg/l (Sporadic release)
PNEC	100 mg/l (Sewage treatment plant)
PNEC	30.4 mg/kg (Freshwater sediment)
PNEC	3.04 mg/kg (Seawater sediment)
PNEC	29.5 mg/kg (Soil)

**108-65-6 2-methoxy-1-methylethyl acetate**

PNEC	0.635 mg/l (Freshwater)
PNEC	0.064 mg/l (Seawater)
PNEC	100 mg/l (Sewage treatment plant)
PNEC	3.29 mg/kg (Freshwater sediment)
PNEC	0.329 mg/kg (Seawater sediment)
PNEC	0.29 mg/kg (Soil)

**108-10-1 4-methylpentan-2-one**

PNEC	0.6 mg/l (Freshwater)
PNEC	0.06 mg/l (Seawater)
PNEC	1.5 mg/l (Sporadic release)
PNEC	27.5 mg/l (Sewage treatment plant)
PNEC	8.27 mg/kg (Freshwater sediment)
PNEC	0.83 mg/kg (Seawater sediment)
PNEC	1.3 mg/kg (Soil)

(Contd. on page 8)

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

Printing date 30.10.2023

Version number 7 (replaces version 6)

Revision: 14.07.2023

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

(Contd. of page 7)

· **Ingredients with biological limit values:****xylene**

BMGV 650 mmol/mol creatinine  
Medium: urine  
Sampling time: post shift  
Parameter: methyl hippuric acid

**108-10-1 4-methylpentan-2-one**

BMGV 20 µmol/L  
Medium: urine  
Sampling time: post shift  
Parameter: 4-methylpentan-2-one

· **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:**

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Do not inhale gases / fumes / aerosols.

Avoid contact with the eyes and skin.

Avoid contact with the eyes.

· **Respiratory protection:**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Filter A2/P3

· **Hand protection**

Protective gloves

· **Material of gloves**

Butyl rubber, BR

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 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.

· **Eye/face protection**

Tightly sealed goggles

GB

(Contd. on page 9)



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

(Contd. of page 8)

### SECTION 9: Physical and chemical properties

#### · 9.1 Information on basic physical and chemical properties

##### · General Information

· 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 % (123-86-4 n-butyl acetate)
· Upper:	26.2 Vol % (115-10-6 dimethyl ether)
· Flash point:	Not applicable, as aerosol.
· Auto-ignition temperature:	240 °C (464 °F) (115-10-6 dimethyl ether)
· Decomposition temperature:	Not determined.
· pH	Mixture is non-soluble (in water).
· Viscosity:	
· Kinematic viscosity	Not determined.
· Dynamic:	Not determined.
· Solubility	
· water:	Not miscible or difficult to mix.
· Partition coefficient n-octanol/water (log value)	Not determined.
· Vapour pressure at 20 °C (68 °F):	4000 hPa (3000.2 mm Hg) (115-10-6 dimethyl ether)
· Density and/or relative density	
· Density at 20 °C (68 °F):	0.8 g/cm <sup>3</sup> (6.7 lbs/gal)
· Relative density	Not determined.
· Vapour density	Not determined.

#### · 9.2 Other information

· Appearance:	
· Form:	Aerosol
· Important information on protection of health and environment, and on safety.	
· Explosive properties:	Not determined.
· Solvent content:	
· Organic solvents:	80.7 %
· VOC (EC)	---
	645.5 g/l
· VOC-EU%	80.69 %
· Solids content:	13.1 %
· Change in condition	
· Evaporation rate	Not applicable.

#### · Information with regard to physical hazard classes

· Explosives	Void
· Flammable gases	Void
· Aerosols	Extremely flammable aerosol. Pressurised container: May burst if heated.
· 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

(Contd. on page 10)

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

Printing date 30.10.2023

Version number 7 (replaces version 6)

Revision: 14.07.2023

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

(Contd. of page 9)

· Self-heating substances and mixtures	Void
· Substances and mixtures, which emit flammable 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.
- **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** Based on available data, the classification criteria are not met.

· **LD/LC50 values relevant for classification:**

**123-86-4 n-butyl acetate**

Oral	LD50	10800 mg/kg (rat) (OECD 401)
Dermal	LD50	>17600 mg/kg (rabbit)
Inhalative	LC50 / 4 h	>21 mg/m <sup>3</sup> (rat)

**67-64-1 acetone**

Oral	LD50	5800 mg/kg (rat)
Dermal	LD50	>15800 mg/kg (rabbit)
Inhalative	LC50 / 4h	76 mg/l (rat)

**aliphatic polyisocyanate**

Oral	LD50	2500 mg/kg (rat) (OECD 402)
Dermal	LD50	2000 mg/kg (rat) (OECD 402)
Inhalative	LC50 / 4 h	400 mg/m <sup>3</sup> (rat)

**xylene**

Oral	LD50	3523 mg/kg (rat)
Dermal	LD50	2000 mg/kg (rabbit)
Inhalative	LC50 / 4 h	29000 mg/m <sup>3</sup> (rat)

**108-65-6 2-methoxy-1-methylethyl acetate**

Oral	LD50	8530 mg/kg (rat)
Dermal	LD50	>5000 mg/kg (rabbit)
Inhalative	LC50 / 4 h	>10000 mg/m <sup>3</sup> (rat)

**64742-95-6 Solvent naphtha (petroleum), light arom.**

Oral	LD50	>5000 mg/kg (rat) (OECD 401)
Dermal	LD50	>2000 mg/kg (rab) (OECD 402)

**3-isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate, oligomers**

Oral	LD50	14000 mg/kg (rat) (OECD 401)
------	------	------------------------------

(Contd. on page 11)

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

Printing date 30.10.2023

Version number 7 (replaces version 6)

Revision: 14.07.2023

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

(Contd. of page 10)

Inhalative	LC50 / 4h	5.01 mg/l (rat) (OECD 403)
<b>108-10-1 4-methylpentan-2-one</b>		
Oral	LD50	2080 mg/kg (rat)
Dermal	LD50	>2000 mg/kg (rat)
Inhalative	LC50 / 4 h	11 mg/m <sup>3</sup> (ATE)
<b>bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate</b>		
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 corrosion/irritation** No irritant effect.
- **Serious eye damage/irritation** Causes serious eye irritation.
- **Respiratory or skin sensitisation** May cause an allergic skin reaction.
- **STOT-single exposure** May cause drowsiness or dizziness.
- **11.2 Information on other hazards**

- **Endocrine disrupting properties**

None of the ingredients is listed.

## SECTION 12: Ecological information

- **12.1 Toxicity**

- **Aquatic 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**

LC50/96h	8300 mg/l (fish)
EC50/96h	7200 mg/l (algae)
LC50 / 48 h	8450 mg/l (crustacean (water flea))

### **xylene**

EC50 / 48 h	7.4 mg/l (daphnia magna)
LC50 / 96 h	13.5 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)

### **64742-95-6 Solvent naphtha (petroleum), light arom.**

EC50 / 48 h	302 mg/l (daphnia magna)
EC50 / 72 h	2.75 mg/l (Pseudokirchneriella subcapitata)
EC50 / 96 h	9.2 mg/l (Regenbogenforelle)

### **108-10-1 4-methylpentan-2-one**

EC50 / 48 h	275 mg/l (daphnia magna)
LC50 / 96 h	179 mg/l (fish)

### **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.

(Contd. on page 12)

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

Printing date 30.10.2023

Version number 7 (replaces version 6)

Revision: 14.07.2023

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



(Contd. of page 11)

- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Endocrine disrupting properties**  
The product does not contain substances with endocrine disrupting properties.
- **12.7 Other adverse effects**
- **Remark:** Harmful to fish
- **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.  
Harmful to aquatic organisms

**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.

**SECTION 14: Transport information**

- |   |                     |
|---|---------------------|
| <b>14.1 UN number or ID number</b>  |                     |
| · <b>ADR, IMDG, IATA</b>  | UN1950              |
| <b>14.2 UN proper shipping name</b>   |                     |
| · <b>ADR</b>  | 1950 AEROSOLS       |
| · <b>IMDG</b>   | AEROSOLS            |
| · <b>IATA</b>   | AEROSOLS, flammable |
| <b>14.3 Transport hazard class(es)</b>  |                     |
| · <b>ADR</b>  |                     |
|  |                     |
| · <b>Class</b>  | 2 5F Gases.         |
| · <b>Label</b>  | 2.1                 |
|   |                     |
| · <b>IMDG, IATA</b>   |                     |
|  |                     |
| · <b>Class</b>  | 2.1 Gases.          |
| · <b>Label</b>  | 2.1                 |
| <b>14.4 Packing group</b>   |                     |
| · <b>ADR, IMDG, IATA</b>  | not regulated       |
| <b>14.5 Environmental hazards:</b>  | Not applicable.     |
| · <b>14.6 Special precautions for user</b>  | Warning: Gases.     |
| · <b>Hazard identification number (Kemler code):</b>                                | -                   |

(Contd. on page 13)

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

Printing date 30.10.2023

Version number 7 (replaces version 6)

Revision: 14.07.2023

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

(Contd. of page 12)

· <b>EMS Number:</b>	F-D,S-U
· <b>Stowage Code</b>	SW1 Protected from sources of heat. SW22 For AEROSOLS with a maximum capacity of 1 litre: Category A. For AEROSOLS with a capacity above 1 litre: Category B. For WASTE AEROSOLS: Category C, Clear of living quarters.
· <b>Segregation Code</b>	SG69 For AEROSOLS with a maximum capacity of 1 litre: Segregation as for class 9. Stow "separated from" class 1 except for division 1.4. For AEROSOLS with a capacity above 1 litre: Segregation as for the appropriate subdivision of class 2. For WASTE AEROSOLS: Segregation as for the appropriate subdivision of class 2.
· <b>14.7 Maritime transport in bulk according to IMO instruments</b>	Not applicable.
· <b>Transport/Additional information:</b>	
· <b>ADR</b>	
· <b>Limited quantities (LQ)</b>	1L
· <b>Excepted quantities (EQ)</b>	Code: E0 Not permitted as Excepted Quantity
· <b>Transport category</b>	2
· <b>Tunnel restriction code</b>	D
· <b>IMDG</b>	
· <b>Limited quantities (LQ)</b>	1L
· <b>Excepted quantities (EQ)</b>	Code: E0 Not permitted as Excepted Quantity
· <b>UN "Model Regulation":</b>	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
- **Qualifying quantity (tonnes) for the application of upper-tier requirements** 500 t
- **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.

(Contd. on page 14)

GB

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

Printing date 30.10.2023

Version number 7 (replaces version 6)

Revision: 14.07.2023

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

(Contd. of page 13)

- H332 Harmful if inhaled.  
 H335 May cause respiratory irritation.  
 H336 May cause drowsiness or dizziness.  
 H351 Suspected of causing cancer.  
 H361f Suspected of damaging fertility.  
 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.  
 H411 Toxic to aquatic life with long lasting effects.  
 EUH066 Repeated exposure may cause skin dryness or cracking.  
 EUH204 Contains isocyanates. May produce an allergic reaction.

**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)  
 ICAO: International Civil Aviation Organisation  
 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  
 Flam. Gas 1A: Flammable gases – Category 1A  
 Aerosol 1: Aerosols – Category 1  
 Press. Gas (Comp.): Gases under pressure – Compressed gas  
 Flam. Liq. 2: Flammable liquids – Category 2  
 Flam. Liq. 3: Flammable liquids – Category 3  
 Acute Tox. 4: Acute toxicity – Category 4  
 Skin Irrit. 2: Skin corrosion/irritation – Category 2  
 Eye Irrit. 2: Serious eye damage/eye irritation – Category 2  
 Skin Sens. 1: Skin sensitisation – Category 1  
 Skin Sens. 1A: Skin sensitisation – Category 1A  
 Carc. 2: Carcinogenicity – Category 2  
 Repr. 2: Reproductive toxicity – Category 2  
 STOT SE 3: Specific target organ toxicity (single exposure) – Category 3  
 STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2  
 Asp. Tox. 1: Aspiration hazard – Category 1  
 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 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2  
 Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

**\* Data compared to the previous version altered.**