

Page 1/10

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

Printing date 13.01.2022

Version number 6 (replaces version 5)

Revision: 13.01.2022

SECTION 1: Identification of the substance/mixture and of the company/undertaking
· 1.1 Product identifier
· Trade name: <u>DUPLI-COLOR EFFECT PRIMER BLACK</u>
 Article number: 674846 1.2 Relevant identified uses of the substance or mixture and uses advised against No further relevant information available. Sector of Use 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 PROC7 Industrial spraying PROC11 Non industrial spraying Application of the substance / the mixture Priming
 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 emergeny phone no: 111 Only for healthcare professionals: 0344 892 0111
Ireland: Poison center if childs have been poisened: 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 flame Aerosol 1 H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.
(Contd. on page 2

Page 2/10

*

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

Printing date 13.01.2022

Version number 6 (replaces version 5)

Revision: 13.01.2022

Trade name: DUPLI-COLOR EFFECT PRIMER BLACK

	(Contd. of p	age	
Eye Irrit. 2 H3	19 Causes serious eye irritation.		
STOT SE 3 H3	36 May cause drowsiness or dizziness.		
	ding to Regulation (EC) No 1272/2008 classified and labelled according to the CLP regulation.		
GHS02 GH	307		
Signal word D	nger		
Hazard-detern	ining components of labelling:		
acetone			
n-butyl acetate			
	ethylethyl acetate		
Hazard statem			
	remely flammable aerosol. Pressurised container: May burst if heated.		
	uses serious eye irritation.		
	y cause drowsiness or dizziness.		
Precautionary	statements		
	nedical advice is needed, have product container or label at hand.		
	Keep out of reach of children.		
	ep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smok	cing	
P211 D	not spray on an open flame or other ignition source.		
P251 D	not pierce or burn, even after use.		
P260 D	not breathe spray.		
P410+P412 Pa	otect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.		
	spose of contents / container in accordance with regional regulations.		
Additional info			
EUH066 Repe	ted exposure may cause skin dryness or cracking.		
Buildup of exp	osive mixtures possible without sufficient ventilation.		
	ng! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or	r	
mist.			
2.3 Other haza	ds		
	and vPvB assessment		
• PBT: Not appl			
• vPvB: Not app	icable.		
SECTION 3	Composition/information on ingredients		
3.2 Mixtures	ixture of substances listed below with nonhazardous additions.		
Description. M	v v		
CAS: 67-64-1	acetone 25-<.	50	
EINECS: 200-0		50	
LINLUD. 200-0	62-2 606-001-00-8 506-001-00-8 506-001-00-8 506-001-00-8 506-001-00-8 506-001-00-8 506-001-00-8 507 STOT SE 3, H336		

Index number: 606-001-00-8 Reg.nr.: 01-2119471330-49 EUH066

(Contd. on page 3)

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

Printing date 13.01.2022

Version number 6 (*replaces version* 5)

Revision: 13.01.2022

Trade name: DUPLI-COLOR EFFECT PRIMER BLACK

		(Contd. of page
CAS: 115-10-6	dimethyl ether	20-<25%
EINECS: 204-065-8	🚸 Flam. Gas 1A, H220	
Index number: 603-019-00-8	Press. Gas (Comp.), H280	
Reg.nr.: 01-2119472128-37		
CAS: 123-86-4	n-butyl acetate	5-<10%
EINECS: 204-658-1	🚸 Flam. Liq. 3, H226	
Index number: 607-025-00-1	(1) STOT SE 3, H336	
Reg.nr.: 01-2119485493-29	<i>EUH</i> 066	
CAS: 74-98-6	propane	5-<10%
EINECS: 200-827-9	🚯 Flam. Gas 1A, H220	
Index number: 601-003-00-5		
Reg.nr.: 01-2119486944-21		
CAS: 106-97-8	butane (containing < 0,1 % butadiene (203-450-8))	5-<10%
EINECS: 203-448-7	🐵 Flam. Gas 1A, H220	
Index number: 601-004-00-0		
Reg.nr.: 01-2119474691-32		
CAS: 108-65-6	2-methoxy-1-methylethyl acetate	5-<10%
EINECS: 203-603-9	🛞 Flam. Liq. 3, H226	
Index number: 607-195-00-7		
Reg.nr.: 01-2119475791-29		
CAS: 75-28-5	isobutane (containing < 0,1 % butadiene (203-450-8))	2.5-<5%
EINECS: 200-857-2	(Flam. Gas 1A, H220	
Index number: 601-004-00-0		
Reg.nr.: 01-2119485395-27		
CAS: 9004-70-0	cellulose nitrate	2.5-<5%
	 Flam. Sol. 1, H228 	
CAS: 13463-67-7	titanium dioxide	<2.5%
EINECS: 236-675-5	Scarc. 2, H351	
Index number: 022-006-00-2	♥ <i>Curc. 2, H331</i>	
Reg.nr.: 01-2119489379-17		
105.00.01 2117407577-17		

· 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.

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

SECTION 4: First aid measures

- 4.1 Description of first aid measures
- · General information: Take affected persons out into the fresh air.
- · After inhalation: Supply fresh air; consult doctor in case of complaints.
- After skin contact: Generally the product does not irritate the skin.
- · 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:

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

(Contd. on page 4)

⁻ GB

Page 4/10

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 13.01.2022

Version number 6 (replaces version 5)

Revision: 13.01.2022

(Contd. of page 3)

Trade name: DUPLI-COLOR EFFECT PRIMER BLACK

· 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: Wear self-contained respiratory protective device. Do not inhale explosion gases or combustion gases. Mouth respiratory protective device. **SECTION 6:** Accidental release measures · 6.1 Personal precautions, protective equipment and emergency procedures Ensure adequate ventilation Mount respiratory protective device. Wear protective equipment. Keep unprotected persons away. Keep away from ignition sources. • 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 Keep away from heat and direct sunlight. Ensure good interior ventilation, especially at floor level. (Fumes are heavier than air). Ensure good ventilation/exhaustion at the workplace. · Information about fire - and explosion protection: Do not spray onto a naked flame or any incandescent material. 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: 67-64-1 acetone WEL Short-term value: 3620 mg/m³, 1500 ppm Long-term value: 1210 mg/m³, 500 ppm

115-10-6 dimethyl ether

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

(Contd. on page 5)

- GI

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

Printing date 13.01.2022

Version number 6 (*replaces version* 5)

Revision: 13.01.2022

Trade name: DUPLI-COLOR EFFECT PRIMER BLACK

	(Contd. of page
	6-4 n-butyl acetate
WEL	Short-term value: 966 mg/m ³ , 200 ppm
	Long-term value: 724 mg/m ³ , 150 ppm
	7-8 butane (containing < 0,1 % butadiene (203-450-8))
WEL	Short-term value: 1810 mg/m ³ , 750 ppm
	Long-term value: 1450 mg/m ³ , 600 ppm Carc (if more than 0.1% of buta-1.3-diene)
100 6	5-6 2-methoxy-1-methylethyl acetate
WEL	Short-term value: 548 mg/m³, 100 ppm Long-term value: 274 mg/m³, 50 ppm
	Sk
Addit	ional information: The lists valid during the making were used as basis.
	xposure controls ppriate engineering controls No further data; see item 7.
	dual protection measures, such as personal protective equipment
	al protective and hygienic measures:
Do ne	t eat, drink, smoke or sniff while working.
	away from foodstuffs, beverages and feed.
	diately remove all soiled and contaminated clothing
	hands before breaks and at the end of work.
	t inhale gases / fumes / aerosols.
	contact with the eyes and skin. contact with the eyes.
	ratory protection:
- cospe	
	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.
	A2/P3 protection
nns Lu	Protective gloves
Mater	ial of gloves
	rubber, BR
The se	election of the suitable gloves does not only depend on the material, but also on further marks of quali
	aries from manufacturer to manufacturer.
	ration time of glove material
	rubber gloves with a thickness of 0.4 mm are resistant to: one: 480 min
	acetate: 60 min
-	acetate: 170 min
	ne: 42 min
Butyl measi	rubber gloves with a thickness of 0.4 mm are solvent resistant for 42- 480 minutes. As protective are, we recommend that users and responsible persons for work safety assume solvent resistance lengt minutes. Considering the data in section 3 of this SDS, one can assume longer resistance length in
	ular cases.
Eye/fe	ace protection
	Tightly sealed goggles

(Contd. on page 6)

GB

Page 6/10

*

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

Printing date 13.01.2022

Version number 6 (replaces version 5)

Revision: 13.01.2022

(Contd. of page 5)

Trade name: DUPLI-COLOR EFFECT PRIMER BLACK

· Body protection: Light weight protective clothing

SECTION 9: Physical and chemical prop	erties
9.1 Information on basic physical and chemical p	roperties
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 %
Upper:	26.2 Vol %
Flash point:	Not applicable, as aerosol.
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)
Density and/or relative density	
Density at 20 °C (68 °F):	0.7 g/cm ³ (5.8 lbs/gal)
Relative density	Not determined.
Vapour density	Not determined.
9.2 Other information	
Appearance:	
Form:	Aerosol
Important information on protection of health and	d
environment, and on safety.	
Ignition temperature:	240 °C (464 °F)
Explosive properties:	Not determined.
Solvent content:	
Organic solvents:	92.4 %
VOC (EC)	
	646.7 g/l
VOC-EU%	92.38 %
Solids content:	6.9 %
Change in condition	
Evaporation rate	Not applicable.
Information with regard to physical hazard classe	c.
	s Void
Explosives Elammable gases	Void
Flammable gases	
Aerosols	Extremely flammable aerosol. Pressurised container:
0.11.1	May burst if heated.
Oxidising gases	Void
Gases under pressure	Void
Flammable liquids	Void
Flammable solids	Void
Self-reactive substances and mixtures	Void
	(Contd. on page

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

Printing date 13.01.2022

Version number 6 (replaces version 5)

Revision: 13.01.2022

Trade name: DUPLI-COLOR EFFECT PRIMER BLACK

		(Contd. of page 6)
· Pyrophoric liquids	Void	
· Pyrophoric solids	Void	
· Self-heating substances and mixtures	Void	
· Substances and mixtures, which emit flamme	ıble	
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

2

- 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.
- \cdot 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

Dermal L	LD50 LD50	5800 mg/kg (rat) >15800 mg/kg (rabbit)
Dermal L Inhalative L	LD50	
Inhalative L		>15800 mg/kg (rabbit)
	LC50/4h	
123-86-4 n-l		76 mg/l (rat)
	butyl aceta	ite
Oral L	LD50	10800 mg/kg (rat) (OECD 401)
Dermal L	LD50	>17600 mg/kg (rabbit)
Inhalative L	LC50/4 h	>21 mg/m3 (rat)
108-65-6 2-1	methoxy-1	-methylethyl acetate
Oral L	LD50	8530 mg/kg (rat)
Dermal L	LD50	>5000 mg/kg (rabbit)
Inhalative L	LC50/4 h	>10000 mg/m3 (rat)
Skin corrosi	ion/irritatio	on No irritant effect.
		ritation Causes serious eye irritation.
		nsitisation No sensitising effects known.
		P May cause drowsiness or dizziness.
· 11.2 Inform	nation on o	ther hazards
· Endocrine d	disrupting _l	properties
None of the	ingredients	s is listed.

(Contd. on page 8)

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

Printing date 13.01.2022

Version number 6 (replaces version 5)

Revision: 13.01.2022

Trade name: DUPLI-COLOR EFFECT PRIMER BLACK

(Contd. of page 7)

12.1 Toxicity				
Aquatic toxicity:				
67-64-1 ace	tone			
LC50/96h	8300 mg/l (fish)			
EC50/96h	7200 mg/l (algae)			
LC50 / 48 h	8450 mg/l (crustacean (water flea))			
115-10-6 di	nethyl ether			
EC50 / 96 h	155 mg/l (algae)			
LC50 / 48 h	>4000 mg/l (daphnia magna)			
LC50/96 h	>4000 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)			
PBT: Not aj v PvB: Not a 12.6 Endoc i	pplicable.			
vPvB: Not a 12.6 Endoct The product 12.7 Other o Additional e General not Water hazar	oplicable. pplicable. rine disrupting properties does not contain substances with endocrine disrupting properties. adverse effects cological information:			
vPvB: Not a 12.6 Endoct The product 12.7 Other of Additional e General not Water hazar Do not allow system.	oplicable. pplicable. ine disrupting properties does not contain substances with endocrine disrupting properties. adverse effects acological information: es: d class 1 (German Regulation) (Self-assessment): slightly hazardous for water			
vPvB: Not a 12.6 Endoct The product 12.7 Other of Additional e General not Water hazar Do not allov system. SECTION 13.1 Waste a Recommend	pplicable. pplicable. ine disrupting properties does not contain substances with endocrine disrupting properties. udverse effects recological information: es: red class 1 (German Regulation) (Self-assessment): slightly hazardous for water w undiluted product or large quantities of it to reach ground water, water course or sewage 13: Disposal considerations treatment methods			

· 14.1 UN number or ID number		
· ADR, IMDG, IATA	UN1950	
· 14.2 UN proper shipping name		
·ADR	1950 AEROSOLS	
·IMDG	AEROSOLS	
· IATA	AEROSOLS, flammable	

Page 9/10

Printing date 13.01.2022

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

Version number 6 (replaces version 5)

Revision: 13.01.2022

Trade name: DUPLI-COLOR EFFECT PRIMER BLACK

	(Contd. of pag
14.3 Transport hazard class(es)	
ADR	
\mathbf{V}	
Class	2 5F Gases.
Label	2.1
IMDG, IATA	
Class	2.1 Gases.
Label	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.
0	SW22 For AEROSOLS with a maximum capacity of 1
	litre: Category A. For AEROSOLS with a capacity abo
	1 litre: Category B. For WASTE AEROSOLS: Categor
	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
	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 according to IM	
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 (EQ)	Code: E0
	Not permitted as Excepted Quantity
UN ''Model Regulation'':	UN 1950 AEROSOLS, 2.1

(Contd. on page 10)

Page 10/10

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 13.01.2022

Version number 6 (replaces version 5)

Revision: 13.01.2022

Trade name: DUPLI-COLOR EFFECT PRIMER BLACK

(Contd. of page 9)

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

· National regulations:

The product is subject to be labeled according with the prevailing version of the regulations on hazardous substances.

· Information about limitation of use: Employment restrictions concerning juveniles must be observed.

• 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.
- H228 Flammable solid.
- H280 Contains gas under pressure; may explode if heated.
- H319 Causes serious eye irritation.
- H336 May cause drowsiness or dizziness.
- H351 Suspected of causing cancer.
- EUH066 Repeated exposure may cause skin dryness or cracking.
- · 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

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) LC50: Lethal concentration, 50 percent

- LD50: Lethal concentration, 50 LD50: Lethal dose, 50 percent
- *PBT: Persistent, Bioaccumulative and Toxic*
- SVHC: Substances of Very High Concern
- *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
- Flam. Sol. 1: Flammable solids Category 1
- Eye Irrit. 2: Serious eye damage/eye irritation Category 2
- Carc. 2: Carcinogenicity Category 2
- STOT SE 3: Specific target organ toxicity (single exposure) Category 3 * Data compared to the manipus version alternal