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

Printing date 24.01.2022 Version number 14 (replaces version 13) Revision: 24.01.2022

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

- · 1.1 Product identifier
- · Trade name: DUPLI-COLOR ISOLATING PRIMER
- · Article number: 657092
- · 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



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



Aquatic Chronic 2 H411 To

Toxic to aquatic life with long lasting effects.

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Skin Irrit. 2 H315 Causes skin irritation.

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:

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane

Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, aromatics (<2%)

· Hazard statements

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

H315 Causes skin irritation.

H336 May cause drowsiness or dizziness.

H411 Toxic 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.

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:

Buildup of explosive mixtures possible without sufficient ventilation.

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

- · 2.3 Other hazards
- · Results of PBT and vPvB assessment
- · **PBT**: Not applicable.
- · vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

- · 3.2 Mixtures
- $\cdot \textit{Description: Mixture of substances listed below with nonhazardous additions.}$

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Dangerous components:	(Co	ontd. of page 2
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%
EC number: 921-024-6 Reg.nr.: 01-2119475514-35	Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane → Flam. Liq. 2, H225 → Asp. Tox. 1, H304 → Aquatic Chronic 2, H411 → Skin Irrit. 2, H315; STOT SE 3, H336	25-<50%
CAS: 13463-67-7 EINECS: 236-675-5 Index number: 022-006-00-2 Reg.nr.: 01-2119489379-17	titanium dioxide Carc. 2, H351	5-<10%
EC number: 920-750-0 Reg.nr.: 01-2119473851-33-xxxx	Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics Flam. Liq. 2, H225 Asp. Tox. 1, H304 Aquatic Chronic 2, H411 STOT SE 3, H336 EUH066	5-<10%
EC number: 919-857-5 Reg.nr.: 01-2119463258-33	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, aromatics (<2%) ♠ Flam. Liq. 3, H226 ♠ Asp. Tox. 1, H304 ♠ STOT SE 3, H336 EUH066	2.5-<5%
CAS: 68155-27-1 EINECS: 268-953-7 Reg.nr.: 01-2119493908-18	Amine, C12-18-Alkyl STOT RE 2, H373 Skin Corr. 1B, H314 Aquatic Acute 1, H400; Aquatic Chronic 1, H410 Acute Tox. 4, H302; STOT SE 3, H335	≤ 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. 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: 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.
- · 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.

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· 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 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

- · Additional information: The lists valid during the making were used as basis.
- · 8.2 Exposure controls
- · Appropriate engineering controls No further data; see item 7.
- · Individual protection measures, such as personal protective equipment
- · General protective and hygienic measures:

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 skin.

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Avoid contact with the eyes and skin.

· 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 Not required.

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· General Information

· Physical state

· Colour: According to product specification

· Odour: Characteristic · Odour threshold: Not determined. Undetermined. · Melting point/freezing point:

· Boiling point or initial boiling point and boiling

Not applicable, as aerosol. range *Not applicable.*

· Flammability

· Lower and upper explosion limit

3.3 Vol % (115-10-6 dimethyl ether) · Lower: · Upper: 26.2 Vol % (115-10-6 dimethyl ether)

· Flash point: Not applicable, as aerosol.

· Decomposition temperature: Not determined.

Mixture is non-soluble (in water).

· Viscosity:

· Kinematic viscosity Not determined. · Dynamic: Not determined.

· Solubility

Fully miscible. · water: · 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): $0.8 \ g/cm^3 (6.7 \ lbs/gal)$ · Relative density Not determined.

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Vapour density	Not determined.
9.2 Other information	
Appearance:	
Form:	Aerosol
Important information on protection of heal environment, and on safety.	lth and
Ignition temperature:	240 °C (464 °F)
Explosive properties:	Not determined.
Solvent content:	
Organic solvents:	80.6 %
VOC (EC)	
, ,	644.7 g/l
VOC-EU%	80.58 %
Solids content:	25.2 %
Change in condition	
Evaporation rate	Not applicable.
Information with regard to physical hazard of	
Explosives	Void
Flammable gases	Void
Aerosols	Extremely flammable aerosol. Pressurised container:
Aerosois	May burst if heated.
Oxidising gases	Void
Gases under pressure	Void Void
Flammable liquids	Void Void
Flammable solids	Void Void
	voia Void
Self-reactive substances and mixtures	voia Void
Pyrophoric liquids	1 - 1 - 1
Pyrophoric solids	Void
Self-heating substances and mixtures	Void
Substances and mixtures, which emit flamm	
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
- · LD/LC50 values relevant for classification:

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane

Oral LD50 >5000 mg/kg (rat)

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Dermal	LD50	>2000 mg/kg (rat)	7
Inhalative	<i>LC50 / 4 h</i>	>20 mg/m3 (rat)	
Hydrocarb	ons, C7-C9	, n-alkanes, isoalkanes, cyclics	٦
Oral	LD50	>5000 mg/kg (rat)	٦
Dermal	LD50	>2000 mg/kg (rat)	
Inhalative	LC50/4 h	>20000 mg/m3 (rat)	
Hydrocarb	ons, C9-C1	1, n-alkanes, isoalkanes,cyclics, aromatics (<2%)	٦
Oral	LD50	>5000 mg/kg (rat) (OECD 401)	٦
Dermal	LD50	>2000 mg/kg (rat) (OECD 402)	
Inhalative	LC50/4 h	>5000 mg/m3 (rat) (OECD 403)	

- · Skin corrosion/irritation Causes skin irritation.
- · Serious eye damage/irritation No irritating effect.
- · Respiratory or skin sensitisation No sensitising effects known.
- · 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 toxi	· 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)		
Hydrocarbo	Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane		
EC50 / 48 h	3 mg/l (daphnia magna / Wasserfloh)		
EC50 / 72 h	30 mg/l (Pseudokirchneriella Subcapitata)		
LC50 / 96 h	11.4 mg/l (oncorhynchus mykiss / Regenbogenforelle)		
Hydrocarbo	Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics		
EC50	50 mg/l (algae)		
	5 mg/l (fish)		

- · 12.2 Persistence and degradability No further relevant information available.
- · 12.3 Bioaccumulative potential No further relevant information available.
- · 12.4 Mobility in soil No further relevant information available.
- · 12.5 Results of PBT and vPvB assessment
- · PBT: Not applicable.
- · vPvB: Not applicable.
- · 12.6 Endocrine disrupting properties

The product does not contain substances with endocrine disrupting properties.

- · 12.7 Other adverse effects
- · Remark: Toxic for fish
- $\cdot \textit{Additional ecological information:}$
- · 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.

Also poisonous for fish and plankton in water bodies.

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Toxic for aquatic organisms

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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:

Disposal must be made according to official regulations.

Disposal must be made according to official regulations.

· Recommended cleansing agents: Water, if necessary together with cleansing agents.

SECTION 14: Transport informati	ion
14.1 UN number or ID number ADR, IMDG, IATA	UN1950
14.2 UN proper shipping name ADR IMDG IATA	1950 AEROSOLS, ENVIRONMENTALLY HAZARDO AEROSOLS AEROSOLS, flammable
14.3 Transport hazard class(es)	
ADR	
Class	2 5F Gases.
Label	2.1
2	
Class	2.1 Gases.
Label	2.1
14.4 Packing group ADR, IMDG, IATA	not regulated
14.5 Environmental hazards: Special marking (ADR):	Symbol (fish and tree)
14.6 Special precautions for user	Warning: Gases.
EMS Number:	F-D,S-U SWI Protected from sources of heat
Stowage Code	SW1 Protected from sources of heat. SW22 For AEROSOLS with a maximum capacity of I litre: Category A. For AEROSOLS with a capacity ab I litre: Category B. For WASTE AEROSOLS: Catego 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" claexcept for division 1.4.

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	Segregation as for the appropriate subdivision of class 2 For WASTE AEROSOLS:
	Segregation as for the appropriate subdivision of class 2
· 14.7 Maritime transport in bulk accord	ling to IMO
instruments	Not applicable.
Transport/Additional information:	
· <i>ADR</i>	
· Limited quantities (LQ)	1L
Excepted quantities (\widetilde{EQ})	Code: E0
	Not permitted as Excepted Quantity
Transport category	2
Tunnel restriction code	D
· IMDG	
Limited quantities (LQ)	1L
Excepted quantities (\widetilde{EQ})	Code: E0
~	Not permitted as Excepted Quantity
· UN ''Model Regulation'':	UN 1950 AEROSOLS, 2.1, ENVIRONMENTALLY HAZARDOUS

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

E2 Hazardous to the Aquatic Environment

- 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:
- · Information about limitation of use:
- · 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.
- H302 Harmful if swallowed.
- H304 May be fatal if swallowed and enters airways.
- H314 Causes severe skin burns and eye damage.
- H315 Causes skin irritation.
- H335 May cause respiratory irritation.
- H336 May cause drowsiness or dizziness.
- H351 Suspected of causing cancer.

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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.

· 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 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

Acute Tox. 4: Acute toxicity - Category 4

Skin Corr. 1B: Skin corrosion/irritation - Category 1B

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Carc. 2: Carcinogenicity – Category 2

 $STOT\,SE\,3\colon Specific\ target\ organ\ toxicity\ (single\ exposure)-Category\ 3$

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

* * Data compared to the previous version altered.

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