

Page 1/10

THE PERFECT FINISH Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 25.02.2019

Version number 118

Revision: 18.01.2018

SECTION 1: Identification of the substance/mixture and of the company/undertaking · 1.1 Product identifier · Trade name: PLASTI-KOTE® BRILLIANT METALLIC COPPER 6UC 400 ML · Article number: 440.0000162.076 · 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 Paint · 1.3 Details of the supplier of the safety data sheet · Manufacturer/Supplier: MOTIP DUPLI B.V. Wolfraamweg 2 NL-8471 XC Wolvega Nederland Tel: +31 (0)561 694400 Fax: +31 (0)561 694411 e-mail: info@nl.motipdupli.com · Further information obtainable from: Department Product Safety • 1.4 Emergency telephone number: +31 (0)561-694400 (09:00h - 17:00h) **SECTION 2: Hazards identification** · 2.1 Classification of the substance or mixture · Classification according to Regulation (EC) No 1272/2008 GHS02 flame H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated. Aerosol 1 GHS07 H319 Eye Irrit. 2 Causes serious eye irritation. H336 STOT SE 3 May cause drowsiness or dizziness. Harmful to aquatic life with long lasting effects. Aquatic Chronic 3 H412 · 2.2 Label elements · Labelling according to Regulation (EC) No 1272/2008 The product is classified and labelled according to the CLP regulation.

(Contd. on page 2)

Page 2/10

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

Printing date 25.02.2019

Version number 118

Revision: 18.01.2018

Trade name: PLASTI-KOTE® BRILLIANT METALLIC COPPER 6UC 400 ML

	(Contd. of page
Hazard p	pictograms
	\wedge
1 Me	
GHS02	GHS07
011502	01507
Signal w	ord Danger
Hazard-o	determining components of labelling:
acetone	
Hydroca	rbons, C9, aromatics
	statements
H222-H2	229 Extremely flammable aerosol. Pressurised container: May burst if heated.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H412	Harmful to aquatic life with long lasting effects.
Precauti	onary 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.
	412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
P501	Dispose of contents / container in accordance with regional regulations.
	al information:
EUH066	Repeated exposure may cause skin dryness or cracking.
2.3 Othe	
	f PBT and vPvB assessment
	t applicable.
vPvB: No	ot applicable.

SECTION 3: Composition/information on ingredients

· 3.2 Chemical characterisation: Mixtures

· Description: Mixture of substances listed below with nonhazardous additions.

· Dangerous components:

*

CAS: 74-98-6 propane EINECS: 200-827-9 Index number: 601-003-00-5 Reg.nr.: 01-2119486944-21 Press. Gas (Comp.), H280	20-<25%
CAS: 106-97-8 butane EINECS: 203-448-7 Index number: 601-004-00-0 Reg.nr.: 01-2119474691-32	12.5-<20%
CAS: 75-28-5 EINECS: 200-857-2 Index number: 601-004-00-0 Reg.nr.: 01-2119485395-27 isobutane ♦ Flam. Gas 1, H220	12.5-<20%
	(Contd. on page 3

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

Printing date 25.02.2019

Version number 118

Revision: 18.01.2018

Trade name: PLASTI-KOTE® BRILLIANT METALLIC COPPER 6UC 400 ML

CAS: 67-64-1	acetone	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 	
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	10-<12.5%
CAS: 1330-20-7 EINECS: 215-535-7 Index number: 601-022-00-9 Reg.nr.: 01-2119488216-32-xxxx	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 Aquatic Chronic 3, H412	5-<10%
CAS: 100-41-4 EINECS: 202-849-4 Index number: 601-023-00-4 Reg.nr.: 01-2119489370-35	ethylbenzene Flam. Liq. 2, H225 STOT RE 2, H373; Asp. Tox. 1, H304 Acute Tox. 4, H332 Aquatic Chronic 3, H412	<2.5%
CAS: 7440-50-8 EINECS: 231-159-6 Reg.nr.: 01-2119480154-42-xxxx	copper Aquatic Acute 1, H400; Aquatic Chronic 2, H411 Acute Tox. 4, H302	<2.5%
CAS: 7440-66-6 EINECS: 231-175-3 Index number: 030-001-00-1 Reg.nr.: 01-2119467174-37	zinc powder -zinc dust (pyrophoric) Pyr. Sol. 1, H250; Water-react. 1, H260 Aquatic Acute 1, H400; Aquatic Chronic 1, H410	<1%

• Additional information:

Note C (Regulation (EC) no. 1272/2008) applies to the component Xylene (mixture) CAS: 1330-20-7. 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; 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
- \cdot Suitable extinguishing agents:
- CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- 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.

(Contd. on page 4)

GR

Page 4/10

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

Printing date 25.02.2019

Version number 118

Revision: 18.01.2018

Trade name: PLASTI-KOTE® BRILLIANT METALLIC COPPER 6UC 400 ML

(Contd. of page 3)

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.
- 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:
- Do not spray onto a naked flame or any incandescent material.
- Keep ignition sources away Do not smoke.
- Keep respiratory protective device available.

Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use.

- · 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

· 8.1 Control parameters

• 7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

• Additional information about design of technical facilities: No further data; see item 7.

· Ingre	dients with limit values that require monitoring at the workplace:
106-9	7-8 butane
WEL	Short-term value: 1810 mg/m³, 750 ppm
	Long-term value: 1450 mg/m³, 600 ppm
	Carc (if more than 0.1% of buta-1.3-diene)
67-64	-1 acetone
WEL	Short-term value: 3620 mg/m³, 1500 ppm
	Long-term value: 1210 mg/m³, 500 ppm
1330-	20-7 xylene
WEL	Short-term value: 441 mg/m³, 100 ppm
	Long-term value: 220 mg/m³, 50 ppm
	Sk; BMGV
100-4	1-4 ethylbenzene
WEL	Short-term value: 552 mg/m³, 125 ppm
	Long-term value: 441 mg/m³, 100 ppm
	Sk
	(Contd. on page 5)

Page 5/10

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

Printing date 25.02.2019

Version number 118

Revision: 18.01.2018

Trade name: PLASTI-KOTE® BRILLIANT METALLIC COPPER 6UC 400 ML

(Contd. of page 4) · Ingredients with biological limit values: 1330-20-7 xylene BMGV 650 mmol/mol creatinine Medium: urine Sampling time: post shift Parameter: methyl hippuric acid • Additional information: The lists valid during the making were used as basis. · 8.2 Exposure controls · 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. · Protection of hands: Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation · Material of gloves The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application. · Penetration time of glove material 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 The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed. • Eye protection: Tightly sealed goggles **SECTION 9: Physical and chemical properties** · 9.1 Information on basic physical and chemical properties · General Information · Appearance:

Form:	Aerosol
Colour:	Different according to colouring
· Odour:	Solvent-like
• Odour threshold:	Not determined.
· pH-value:	Not determined.

(Contd. on page 6)

GB

Page 6/10

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

Printing date 25.02.2019

Version number 118

Revision: 18.01.2018

Trade name: PLASTI-KOTE® BRILLIANT METALLIC COPPER 6UC 400 ML

	(Contd. of page
Change in condition Melting point/freezing point: Initial boiling point and boiling range:	Undetermined. Not applicable, as aerosol.
Flash point:	<0 °C (<32 °F) Not applicable, as aerosol.
Flammability (solid, gas):	Not applicable.
Ignition temperature:	365 °C (689 °F)
Decomposition temperature:	Not determined.
Explosive properties:	Product is not explosive. However, formation of explosive air/ vapour mixtures are possible.
Explosion limits:	
Lower:	0.7 Vol %
Upper:	10.9 Vol %
Vapour pressure at 20 °C (68 °F):	3,500 hPa (2,625.2 mm Hg)
Density at 20 °C (68 °F):	0.71 g/cm ³ (5.92 lbs/gal)
Relative density	Not determined.
Vapour density	Not determined.
Evaporation rate	Not applicable.
Solubility in / Miscibility with water:	Not miscible or difficult to mix.
Partition coefficient: n-octanol/water:	Not determined.
Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
Solvent content:	
Organic solvents:	82.4 %
EU-VOC:	591.6 g/l
EU-VOC in %:	82.85 %
VOC (EC)	
	588.3 g/l
VOC-EU%	82.39 %
Solids content:	17.1 %
9.2 Other information	No further relevant information available.

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 toxicological effects

· Acute toxicity Based on available data, the classification criteria are not met.

(Contd. on page 7)

⁻ GB

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

Printing date 25.02.2019

Version number 118

Revision: 18.01.2018

Trade name: PLASTI-KOTE® BRILLIANT METALLIC COPPER 6UC 400 ML

		(Cor	td. of page 6)
· LD/LC50	LD/LC50 values relevant for classification:		
67-64-1 ac	etone		
Oral	LD50	5,800 mg/kg (rat)	
Dermal	LD50	>15,800 mg/kg (rabbit)	
Inhalative	LC50 / 4h	76 mg/l (rat)	
1330-20-7	xylene	·	
Oral	LD50	3,523 mg/kg (rat)	
Dermal	LD50	2,000 mg/kg (rabbit)	
Inhalative	LC50 / 4 h	29,000 mg/m3 (rat)	
100-41-4 е	100-41-4 ethylbenzene		
Oral	LD50	3,500 mg/kg (rat)	
	Primary irritant effect: Skin corrosion/irritation Based on available data, the classification criteria are not met.		

· Serious eye damage/irritation Causes serious eye irritation.

· Respiratory or skin sensitisation Based on available data, the classification criteria are not met.

· CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)

· Germ cell mutagenicity Based on available data, the classification criteria are not met.

· Carcinogenicity Based on available data, the classification criteria are not met.

• *Reproductive toxicity Based on available data, the classification criteria are not met.*

· STOT-single exposure

May cause drowsiness or dizziness.

• STOT-repeated exposure Based on available data, the classification criteria are not met.

· Aspiration hazard Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

· 12.1 Toxicity

×

· Aquatic toxicity:

67-64-1 acetone

LC50/96h 8,300 mg/l (fish)

EC50/96h 7,200 mg/l (algae)

LC50 / 48 h 8,450 mg/l (crustacean (water flea))

1330-20-7 xylene

EC50/48 h 7.4 mg/l (daphnia magna)

LC50 / 96 h 13.5 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.

· Ecotoxical 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

· 12.5 Results of PBT and vPvB assessment

· PBT: Not applicable.

· **vPvB**: Not applicable.

(Contd. on page 8)

GB

Page 8/10

*

*

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

Printing date 25.02.2019

Version number 118

Revision: 18.01.2018

Trade name: PLASTI-KOTE® BRILLIANT METALLIC COPPER 6UC 400 ML

(Contd. of page 7)

· 12.6 Other adverse effects No further relevant information available.

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.

· European waste catalogue

08 01 11*	waste paint and varnish containing organic solvents or other hazardous substances
15 01 04	metallic packaging

• Uncleaned packaging:

· Recommendation:

Disposal must be made according to official regulations.

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

Do not spray on a naked flame or any incandescent material.

14.1 UN-Number ADR, IMDG, IATA	UN1950
14.2 UN proper shipping name	
ADR	1950 AEROSOLS, ENVIRONMENTALLY HAZARDOUS
IMDG	AEROSOLS
IATA	AEROSOLS, flammable
14.3 Transport hazard class(es)	
ADR	
Class	2 5F Gases.
Label	2.1
Class	2.1
Label	2.1
14.4 Packing group	
ADR, IMDĞ, IATA	not regulated
14.6 Special precautions for user	Warning: Gases.
Danger code (Kemler):	-
EMS Number:	F- D , S - U
Segregation groups	Heavy metals and their salts (including their organometallic compounds)
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 above 1 litre Category B. For WASTE AEROSOLS: Category C, Clear

GB

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

Printing date 25.02.2019

Version number 118

Revision: 18.01.2018

Trade name: PLASTI-KOTE® BRILLIANT METALLIC COPPER 6UC 400 ML

	(Contd. of page 8
· Segregation Code	of living quarters. 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.
· 14.7 Transport in bulk according to Anne Marpol and the IBC Code	ex II of Not applicable.
· Transport/Additional information:	
• ADR • Limited quantities (LQ) • Excepted quantities (EQ) • Transport category • Tunnel restriction code	1L Code: E0 Not permitted as Excepted Quantity Code: E0 Not permitted as Excepted Quantity 2 D
· IMDG · Limited quantities (LQ) · Excepted quantities (EQ)	1L Code: E0 Not permitted as Excepted Quantity 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

• 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

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

· 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.
H250 Catches fire spontaneously if exposed to air.

(Contd. on page 10)

GB

Page 10/10

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

Printing date 25.02.2019

Version number 118

Revision: 18.01.2018

Trade name: PLASTI-KOTE® BRILLIANT METALLIC COPPER 6UC 400 ML

	(Contd. of page 9)
H260 In contact with water releases flammable gases which may ignite spontaneously.	
H280 Contains gas under pressure; may explode if heated.	
H302 Harmful if swallowed.	
H304 May be fatal if swallowed and enters airways.	
H312 Harmful in contact with skin.	
H315 Causes skin irritation.	
H319 Causes skill irritation. H319 Causes serious eye irritation.	
•	
H332 Harmful if inhaled.	
H335 May cause respiratory irritation.	
H336 May cause drowsiness or dizziness.	
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.	
H412 Harmful to aquatic life with long lasting effects.	
· Abbreviations and acronyms:	
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regu	lations Concerning the
International Transport of Dangerous Goods by Rail)	
ICAO: International Civil Aviation Organisation	• .1 • • •
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement conce Carriage of Dangerous Goods by Road)	erning the International
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 1: Flammable gases – Category 1	
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	
Pyr. Sol. 1: Pyrophoric solids – Category 1	
Water-react. 1: Substances and mixtures which in contact with water emit flammable gases – Category 1	
Acute Tox. 4: Acute toxicity – Category 4	
Skin Irrit. 2: Skin corrosion/irritation – Category 2 Eng Imit. 2: Serieus que demage/ang imitation – Category 2	
Eye Irrit. 2: Serious eye damage/eye irritation – 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 command to the provious version altered	
• * Data compared to the previous version altered.	
	GB -