

Page 1/11

THE PERFECT FINISH Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 11.09.2020

Version number 7

Revision: 21.03.2019

SECTION 1: Identification of the substance/mixture and of the company/undertaking · 1.1 Product identifier · Trade name: <u>PLASTI-KOTE®</u> 110S FDE ANTIQUE GOLD SPRAY 3UC 100 ML · Article number: 440.0001430.046 · 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 Spray varnish \cdot 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) UK: NPIS National Poisons Information Centre Tel: +44 0344 892 0111 IRL: Beaumont Hospital - National Poisons Information Centre: Tel: +353 1 8092566 **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 GHS09 environment Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects. GHS07 H319 Eye Irrit. 2 Causes serious eye irritation. STOT SE 3 H336 May cause drowsiness or dizziness. (Contd. on page 2) GB Page 2/11

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

Printing date 11.09.2020

Version number 7

Revision: 21.03.2019

Trade name: PLASTI-KOTE® 110S FDE ANTIQUE GOLD SPRAY 3UC 100 ML



SECTION 3: Composition/information on ingredients

· 3.2 Chemical characterisation: Mixtures

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

 • Dangerous components:
 acetone
 25-<50%</td>

 CAS: 67-64-1
 acetone
 25-<50%</td>

 EINECS: 200-662-2
 Flam. Liq. 2, H225
 50%

 Index number: 606-001-00-8
 Eye Irrit. 2, H319; STOT SE 3, H336
 25-<50%</td>

 (Contd. on page 3)
 (Contd. on page 3)

GB

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

Printing date 11.09.2020

Version number 7

Revision: 21.03.2019

Trade name: PLASTI-KOTE® 110S FDE ANTIQUE GOLD SPRAY 3UC 100 ML

CAS: 74-98-6	propane	Contd. of page 12.5-<20%
EINECS: 200-827-9 Index number: 601-003-00-5 Reg.nr.: 01-2119486944-21	 Flam. Gas 1A, H220 Press. Gas (Comp.), H280 	12.5 (20)
CAS: 106-97-8 EINECS: 203-448-7 Index number: 601-004-00-0 Reg.nr.: 01-2119474691-32	butane � Flam. Gas 1A, H220 Press. Gas (Comp.), H280	10-<12.59
CAS: 75-28-5 EINECS: 200-857-2 Index number: 601-004-00-0 Reg.nr.: 01-2119485395-27	isobutane Flam. Gas 1A, H220 Press. Gas (Comp.), H280	10-<12.59
EC number: 919-857-5 Reg.nr.: 01-2119463258-33	Hydrocarbons, C9-C11, n-alkanes, isoalkanes,cyclics, <2% aromatics Flam. Liq. 3, H226 Asp. Tox. 1, H304 STOT SE 3, H336	2.5-<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-<5%
EC number: 905-588-0 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	2.5-<5%
EC number: 918-668-5 Reg.nr.: 01-2119455851-35	Hydrocarbons, C9, aromatics Flam. Liq. 3, H226 Asp. Tox. 1, H304 Aquatic Chronic 2, H411 STOT SE 3, H335-H336	2.5-<5%
CAS: 7440-66-6 EINECS: 231-175-3 Index number: 030-001-01-9 Reg.nr.: 01-2119467174-37	zinc powder -zinc dust (stabilized) � Aquatic Acute 1, H400; Aquatic Chronic 1, H410	<2.5%

• Additional information: 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:

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- 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: 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 -

(Contd. on page 4)

GB

Page 4/11

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

Printing date 11.09.2020

Version number 7

Revision: 21.03.2019

Trade name: PLASTI-KOTE® 110S FDE ANTIQUE GOLD SPRAY 3UC 100 ML

(Contd. of page 3)

· Protective equipment: Mouth respiratory protective device.

SECTION 6: Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures Ensure adequate ventilation Keep away from ignition sources. 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.
- · 7.2 Conditions for safe storage, including any incompatibilities
- · Storage:

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- **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

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

· 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

106-97-8 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)

xylene

WEL Short-term value: 441 mg/m³, 100 ppm Long-term value: 220 mg/m³, 50 ppm Sk; BMGV

(Contd. on page 5)

G

Page 5/11

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

Printing date 11.09.2020

Version number 7

Revision: 21.03.2019

Trade name: PLASTI-KOTE® 110S FDE ANTIQUE GOLD SPRAY 3UC 100 ML

	(Contd. of page 4
-	ents with biological limit values:
xylene	
BMGV	650 mmol/mol creatinine
	Medium: urine
	Sampling time: post shift
	Parameter: methyl hippuric acid
Additio	nal information: The lists valid during the making were used as basis.
8.2 Ext	posure controls
	al protective equipment:
	l protective and hygienic measures:
	vay from foodstuffs, beverages and feed.
	ately remove all soiled and contaminated clothing
Wash h	ands before breaks and at the end of work.
	inhale gases / fumes / aerosols.
Avoid c	ontact with the eyes and skin.
Avoid c	ontact with the eyes.
Respira	tory 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 A	2/P3
Protect	ion of hands:
115	Protective gloves
	al of gloves
•	ıbber, BR
and var	ection of the suitable gloves does not only depend on the material, but also on further marks of quality ies from manufacturer to manufacturer.
	tion time of glove material
	ıbber gloves with a thickness of 0.4 mm are resistant to: e: 480 min
	e: 480 min acetate: 60 min
	acetate: 170 min
•	: 42 min
	<i>ibber gloves with a thickness of 0.4 mm are solvent resistant for 42- 480 minutes. As protective</i>
neasur of 42 m	e, we recommend that users and responsible persons for work safety assume solvent resistance length inutes. Considering the data in section 3 of this SDS, one can assume longer resistance length in
	lar cases.
Eye pro	tection:
	Tightly sealed goggles

SECTION 9: Physical and chemical properties

- 9.1 Information on basic physical and chemical properties
- · General Information
- · Appearance:
 - Form: Colour:

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Aerosol Different according to colouring

(Contd. on page 6)

GB

Page 6/11

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

Printing date 11.09.2020

Version number 7

Revision: 21.03.2019

Trade name: PLASTI-KOTE® 110S FDE ANTIQUE GOLD SPRAY 3UC 100 ML

	(Contd. of pag
Odour:	Solvent-like
Odour threshold:	Not determined.
pH-value:	Not determined.
Change in condition	
Melting point/freezing point:	Undetermined.
Initial boiling point and boiling range	e: Not applicable, as aerosol.
Flash point:	Not applicable, as aerosol.
Flammability (solid, gas):	Not applicable.
Ignition temperature:	365 °C (689 °F)
Decomposition temperature:	Not determined.
Explosive properties:	Not determined.
Explosion limits:	
Lower:	1.5 Vol %
Upper:	13 Vol %
Vapour pressure at 20 °C (68 °F):	3500 hPa (2625.2 mm Hg)
Density at 20 °C (68 °F):	0.7 g/cm ³ (5.8 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:	88.9 %
VÕC (EC)	
	622.4 g/l
· VOC-EU%	88.91 %
Solids content:	11.1 %
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

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• 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

Page 7/11

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

Printing date 11.09.2020

Version number 7

Revision: 21.03.2019

Trade name: PLASTI-KOTE® 110S FDE ANTIQUE GOLD SPRAY 3UC 100 ML

		(Contd. of page 6
LD/LC50	values releva	nt for classification:
67-64-1 ac	etone	
Oral	LD50	5800 mg/kg (rat)
Dermal	LD50	>15800 mg/kg (rabbit)
Inhalative	LC50 / 4h	76 mg/l (rat)
7440-50-8	copper	
	LC50 / 48 h	0.34 mg/l (crustacean (water flea))
	LC50 / 96 h	21 mg/l (fish)
xylene		
Oral	LD50	3523 mg/kg (rat)
Dermal	LD50	2000 mg/kg (rabbit)
Inhalative	LC50 / 4 h	29000 mg/m3 (rat)
7440-66-6	zinc powder	-zinc dust (stabilized)
Oral	LD50	>2000 mg/kg (rat) (OECD 401)
Inhalative	LC50 / 4 h	>5410 mg/m3 (rat) (OECD 403)
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· 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

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• Aquatic toxi	city:
67-64-1 acei	tone
LC50/96h	8300 mg/l (fish)
EC50/96h	7200 mg/l (algae)
LC50 / 48 h	8450 mg/l (crustacean (water flea))
7440-50-8 c	opper
EC50 / 48 h	0.34 mg/l (crustacean (water flea))
EC50 / 72 h	0.91 mg/l (algae)
EC50/96 h	21 mg/l (fish)
xylene	
EC50 / 48 h	7.4 mg/l (daphnia magna)
LC50 / 96 h	13.5 mg/l (fish)
· 12.3 Bioacci	

(Contd. on page 8)

GB

Page 8/11

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

Printing date 11.09.2020

Version number 7

Revision: 21.03.2019

Trade name: PLASTI-KOTE® 110S FDE ANTIQUE GOLD SPRAY 3UC 100 ML

(Contd. of page 7)

- · Additional ecological information:
- · General notes:

Water hazard class 3 (German Regulation) (Self-assessment): extremely hazardous for water Do not allow product to reach ground water, water course or sewage system, even in small quantities. Danger to drinking water if even extremely small quantities leak into the ground. Also poisonous for fish and plankton in water bodies. Toxic for aquatic organisms

· 12.5 Results of PBT and vPvB assessment

• **PBT:** Not applicable.

• **vPvB:** Not applicable.

· 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.

Buildup of explosive mixtures possible without sufficient ventilation.

14.1 UN-Number ADR, IMDG, IATA	UN1950
14.2 UN proper shipping name ADR IMDG IATA	1950 AEROSOLS, ENVIRONMENTALLY HAZARDOUS AEROSOLS (Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%), copper), MARINE POLLUTANT AEROSOLS, flammable
14.3 Transport hazard class(es)	
Class	2 5F Gases.
Label	2.1
IMDG	

Page 9/11

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

Printing date 11.09.2020

Version number 7

Revision: 21.03.2019

Trade name: PLASTI-KOTE® 110S FDE ANTIQUE GOLD SPRAY 3UC 100 ML

T - b - l	(Contd. of page
Label	2.1
IATA	
2	
Class	2.1
Label	2.1
14.4 Packing group	
ADR, IMDG, IATA	not regulated
14.5 Environmental hazards:	
Marine pollutant:	Symbol (fish and tree)
Special marking (ADR):	Symbol (fish and tree)
14.6 Special precautions for user	Warning: Gases.
Hazard identification number (Kemler code):	-
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
	of living quarters.
Segregation Code	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 Annex II o	
Marpol and the IBC Code	y Not applicable.
Transport/Additional information:	
ADR Limited quantities (LO)	1L
Limited quantities (LQ) Excepted quantities (EQ)	L Code: E0
Excepted quantities (EQ)	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
	Code: E0
	Not permitted as Excepted Quantity
UN ''Model Regulation'':	UN 1950 AEROSOLS, 2.1, ENVIRONMENTALLY
	HAZARDOUS

(Contd. on page 10)

Page 10/11

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

Printing date 11.09.2020

Version number 7

Revision: 21.03.2019

Trade name: PLASTI-KOTE® 110S FDE ANTIQUE GOLD SPRAY 3UC 100 ML

(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

E2 Hazardous to the Aquatic Environment

- 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

· DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II

None of the ingredients is listed.

· National regulations:

· Other regulations, limitations and prohibitive regulations

· Substances of very high concern (SVHC) according to REACH, Article 57

None of the ingredients is listed.

· 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· Relevant phrases

H220 Extremely flammable gas. H225 Highly flammable liquid and vapour. H226 Flammable liquid and vapour. H280 Contains gas under pressure; may explode if heated. 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 serious eve irritation. H332 Harmful if inhaled. H335 May cause respiratory irritation. H336 May cause drowsiness or dizziness. H373 May cause damage to the hearing 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. · Abbreviations and acronyms: ADR: Accord européen sur le transport 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

Page 11/11

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

Printing date 11.09.2020

Version number 7

Revision: 21.03.2019

GB

Trade name: PLASTI-KOTE® 110S FDE ANTIQUE GOLD SPRAY 3UC 100 ML

	(Contd. of page 10)
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 - oral – Category 4	
Skin Irrit. 2: Skin corrosion/irritation – 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	
• * Data compared to the previous version altered.	