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# THE PERFECT FINISH Safety data sheet

# according to 1907/2006/EC, Article 31

Version number 129 Printing date 22.06.2018 Revision: 04.01.2018 SECTION 1: Identification of the substance/mixture and of the company/undertaking · 1.1 Product identifier · Trade name: PLASTI-KOTE® QUICK DRY PRIMER UNDERCOAT GREY 400 ML · Article number: 440.0071001.076 · 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 Spray varnish · 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 Eye Irrit. 2 H319 Causes serious eye irritation. H336 STOT SE 3 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 CLP regulation.

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# Trade name: PLASTI-KOTE® QUICK DRY PRIMER UNDERCOAT GREY 400 ML

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Hazard p	nictograms
$\wedge$	$\wedge$
Y	
GHS02	GHS07
Signal w	ord Danger
-	letermining components of labelling:
acetone	
n-butyl a	cetate
butan-1-e	ol
Hazard s	tatements
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.
Precautio	onary statements
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+P4	412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
P501	Dispose of contents / container in accordance with regional regulations.
Addition	al information:
	Repeated exposure may cause skin dryness or cracking.
2.3 Other	r hazards
Results of	f PBT and vPvB assessment

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

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# **SECTION 3: Composition/information on ingredients**

· 3.2 Chemical characterisation: Mixtures

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

# · Dangerous components:

acetone Flam. Liq. 2, H225 Eye Irrit. 2, H319; STOT SE 3, H336	25-<50%
propane 🚸 Flam. Gas 1, H220 Press. Gas C, H280	10-<12.5%
n-butyl acetate Flam. Liq. 3, H226 STOT SE 3, H336	10-<12.5%
2-methoxy-1-methylethyl acetate	5-<10%
butane (containing ≥0,1 % butadiene (203-450-8)) Flam. Gas 1, H220 Press. Gas C, H280	5-<10%
	Flam. Liq. 2, H225 Flam. Liq. 2, H225 Eye Irrit. 2, H319; STOT SE 3, H336 propane Flam. Gas 1, H220 Press. Gas C, H280 n-butyl acetate Flam. Liq. 3, H226 STOT SE 3, H336 2-methoxy-1-methylethyl acetate Flam. Liq. 3, H226 Flam. Liq. 3, H226 butane (containing ≥ 0,1 % butadiene (203-450-8)) Flam. Gas 1, H220

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GAG 55 00 5		(Contd. of page 2)
CAS: 75-28-5 EINECS: 200-857-2 Index number: 601-004-00-0 Reg.nr.: 01-2119485395-27	isobutane	5-<10%
CAS: 71-36-3 EINECS: 200-751-6 Index number: 603-004-00-6 Reg.nr.: 01-2119484630-38	<ul> <li>butan-1-ol</li> <li>Flam. Liq. 3, H226</li> <li>Eye Dam. 1, H318</li> <li>Acute Tox. 4, H302; Skin Irrit. 2, H315; STOT SE 3, H335- H336</li> </ul>	2.5-<5%
CAS: 9004-70-0	cellulose nitrate 🚸 Flam. Sol. 1, H228	<2.5%
CAS: 7779-90-0 EINECS: 231-944-3 Index number: 030-011-00-6 Reg.nr.: 01-2119485044-40	trizinc bis(orthophosphate) � 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:
- 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

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- 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.

# **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.

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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

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

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

#### 106-97-8 butane (containing ≥0,1 % butadiene (203-450-8))

WEL Short-term value: 1810 mg/m<sup>3</sup>, 750 ppm Long-term value: 1450 mg/m<sup>3</sup>, 600 ppm Carc (if more than 0.1% of buta-1.3-diene)

#### 71-36-3 butan-1-ol

WEL Short-term value: 154 mg/m<sup>3</sup>, 50 ppm Sk

• 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.

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· 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:

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

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

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

9.1 Information on basic physical and ch	nemical properties
General Information	
Appearance:	
Form:	Aerosol
Colour:	Grey
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:	Not applicable, as aerosol.
Flash point:	<0 °C (<32 °F)
-	Not applicable, as aerosol.
Flammability (solid, gas):	Not applicable.
Ignition temperature:	415 °C (779 °F)
Decomposition temperature:	Not determined.
Auto-ignition temperature:	Product is not selfigniting.
Explosive properties:	Product is not explosive. However, formation of explosive air/ vapour mixtures are possible.
Explosion limits:	
Lower:	1.2 Vol %
Upper:	13 Vol %
Vapour pressure at 20 °C (68 °F):	3,500 hPa (2,625.2 mm Hg)
Density at 20 °C (68 °F):	0.78 g/cm <sup>3</sup> (6.51 lbs/gal)
Relative density	Not determined.

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· 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:	86.6 %
· EU-VOC:	676.6 g/l
• EU-VOC in %:	86.58 %
· Water:	0.2 %
$\cdot$ VOC (EC)	
	676.6 g/l
· VOC-EU%	86.58 %
· Solids content:	9.3 %
• 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.
- $\cdot$  10.4 Conditions to avoid No further relevant information available.
- $\cdot$  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.

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)
123-86-4 n	n-butyl aceta	ate
Oral	LD50	10,800 mg/kg (rat)
Dermal	LD50	>17,600 mg/kg (rabbit)
Inhalative	LC50/4h	1.85 mg/l (rat)
108-65-62	-methoxy-1	-methylethyl acetate
Oral	LD50	8,530 mg/kg (rat)
Dermal	LD50	>5,000 mg/kg (rabbit)
Inhalative	LC50/4 h	>10,000 mg/m3 (rat)
71-36-3 bu	ıtan-1-ol	
Oral	LD50	2,292 mg/kg (rat)
Dermal	LD50	3,430 mg/kg (rabbit)
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- · Primary irritant effect:
- · Skin corrosion/irritation Based on available data, the classification criteria are not met.
- $\cdot$  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.
- $\cdot$  Carcinogenicity Based on available data, the classification criteria are not met.
- $\cdot \textit{Reproductive toxicity Based on available data, the classification criteria are not met.}$
- · STOT-single exposure
- May cause drowsiness or dizziness.
- $\cdot \textit{STOT-repeated exposure Based on available data, the classification criteria are not met.}$
- · Aspiration hazard Based on available data, the classification criteria are not met.

gical information

SEC	TION	12:	Eco	log

· 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))

123-86-4 n-butyl acetate

LC50/96 h 81 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)

71-36-3 butan-1-ol

LC50/96 h 1,376 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 1 (German Regulation) (Self-assessment): slightly hazardous for water Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

- Harmful to 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.

# $\cdot$ European waste catalogue

08 01 11\* waste paint and varnish containing organic solvents or other hazardous substances

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# Trade name: PLASTI-KOTE® QUICK DRY PRIMER UNDERCOAT GREY 400 ML

15 01 04 metallic packaging

· Uncleaned packaging:

• Recommendation: Non contaminated packagings may be recycled.

14.1 UN-Number	
ADR, IMDG, IATA	UN1950
14.2 UN proper shipping name	
ADR	1950 AEROSOLS
IMDG	AEROSOLS
IATA	AEROSOLS, flammable
14.3 Transport hazard class(es)	
ADR	
<b>()</b>	
- Class	2 5F Gases.
Label	2.1
IMDG, IATA	
Class Label	2.1 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.
Danger code (Kemler):	-
EMS Number:	F- $D$ , $S$ - $U$
Stowage Code	SW1 Protected from sources of heat.
-	SW22 For AEROSOLS with a maximum capacity of 1 litra
	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 Ann. Marpol and the IBC Code	ex II of Not applicable.
Transport/Additional information:	
ADR	
Limited quantities (LQ)	1L
Excepted quantities (EQ)	Code: E0

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Code: E0
Not permitted as Excepted Quantity
2
D
1L
Code: E0
Not permitted as Excepted Quantity
Code: E0
Not permitted as Excepted Quantity
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
- $\cdot$  Qualifying quantity (tonnes) for the application of lower-tier requirements 150 t
- Qualifying quantity (tonnes) for the application of upper-tier requirements 500 t
- · REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3, 40
- · 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.
- H228 Flammable solid.
- H280 Contains gas under pressure; may explode if heated.
- H302 Harmful if swallowed.
- H315 Causes skin irritation.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H335 May cause respiratory irritation.
- H336 May cause drowsiness or dizziness.
- H400 Very toxic to aquatic life.
- H410 Very 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)

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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 C: 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 Acute Tox. 4: Acute toxicity - Category 4 Skin Irrit. 2: Skin corrosion/irritation - Category 2 Eye Dam. 1: Serious eye damage/eye irritation - Category 1 Eye Irrit. 2: Serious eye damage/eye irritation - Category 2 STOT SE 3: Specific target organ toxicity (single exposure) – Category 3 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 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3  $\cdot$  \* Data compared to the previous version altered.

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