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## THE PERFECT FINISH Safety data sheet

#### according to 1907/2006/EC, Article 31

Printing date 22.06.2018

Version number 108

Revision: 15.12.2017

SECTION 1: Identification of the substance/mixture and of the company/undertaking · 1.1 Product identifier · Trade name: PLASTI-KOTE® QUICK DRY PRIMER UNDERCOAT RED OXIDE 400 ML · Article number: 440.0071002.076 · 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.

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

	(Contd. of page
Hazard p	ictograms
$\mathbf{\wedge}$	<b>∧</b>
J.	
<u> E3</u>	
GHS02	GHS07
Signal wo	ord Danger
Hazard-a	letermining components of labelling:
acetone	
n-butyl a	cetate
butan-1-a	bl
propan-2	-ol
Hazard s	tatements
Н222-Н2	29 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
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+P4	12 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	· hazards

- · Results of 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:

· Dangerous components.		
CAS: 67-64-1 EINECS: 200-662-2 Index number: 606-001-00-8 Reg.nr.: 01-2119471330-49	acetone Flam. Liq. 2, H225 Eye Irrit. 2, H319; STOT SE 3, H336	25-<50%
CAS: 123-86-4 EINECS: 204-658-1 Index number: 607-025-00-1 Reg.nr.: 01-2119485493-29	n-butyl acetate Flam. Liq. 3, H226 STOT SE 3, H336	12.5-<20%
CAS: 74-98-6 EINECS: 200-827-9 Index number: 601-003-00-5 Reg.nr.: 01-2119486944-21	propane Flam. Gas 1, H220 Press. Gas C, H280	10-<12.5%
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	()	Contd. of page 2
CAS: 108-65-6 EINECS: 203-603-9 Index number: 607-195-00-7 Reg.nr.: 01-2119475791-29	2-methoxy-1-methylethyl acetate � Flam. Liq. 3, H226	5-<10%
CAS: 106-97-8 EINECS: 203-448-7 Index number: 601-004-00-0 Reg.nr.: 01-2119474691-32	butane (containing ≥0,1 % butadiene (203-450-8)) Flam. Gas 1, H220 Press. Gas C, H280	5-<10%
CAS: 75-28-5 EINECS: 200-857-2 Index number: 601-004-00-0 Reg.nr.: 01-2119485395-27	isobutane Flam. Gas 1, H220 Press. Gas C, H280	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: 67-63-0 EINECS: 200-661-7 Index number: 603-117-00-0 Reg.nr.: 01-2119457558-25	propan-2-ol Flam. Liq. 2, H225 Eye Irrit. 2, H319; STOT SE 3, H336	<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 the wording of the listed hazard phrases refer to section 16	<1%

· 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
- · Suitable extinguishing agents:
- CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- $\cdot$  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.

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### **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:

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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 C	ontrol parameters
· Ingre	dients with limit values that require monitoring at the workplace:
67-64	l-1 acetone
WEL	Short-term value: 3620 mg/m³, 1500 ppm
	Long-term value: 1210 mg/m³, 500 ppm
123-8	6-4 n-butyl acetate
WEL	Short-term value: 966 mg/m³, 200 ppm
	Long-term value: 724 mg/m³, 150 ppm
108-6	5-6 2-methoxy-1-methylethyl acetate
WEL	Short-term value: 548 mg/m³, 100 ppm
	Long-term value: 274 mg/m <sup>3</sup> , 50 ppm
	Sk
106-9	7-8 butane (containing $\geq 0,1$ % butadiene (203-450-8))
WEL	Short-term value: 1810 mg/m <sup>3</sup> , 750 ppm
	Long-term value: 1450 mg/m³, 600 ppm
	Carc (if more than 0.1% of buta-1.3-diene)
	(Contd. on page 5)

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71-36-3 butan-1-ol	(Contd. of page
WEL Short-term value: 154 m	$n_{0}/m^{3}$ 50 npm
Sk	<i>w,,</i>
67-63-0 propan-2-ol	
	( 2.500
WEL Short-term value: 1250	
Long-term value: 999 n	
Additional information: The	lists valid during the making were used as basis.
8.2 Exposure controls	
Personal protective equipmen	<i>it</i> :
General protective and hygie	
Keep away from foodstuffs, be	
Immediately remove all soiled	l and contaminated clothing
Wash hands before breaks and	
Do not inhale gases / fumes /	
Avoid contact with the eyes an	ıd skin.
Avoid contact with the eyes.	
Respiratory protection:	
	ow pollution use respiratory filter device. In case of intensive or longer exposu
use self-contained respiratory	protective device.
<b>Protection of hands:</b>	www.achia.co.d.u.orgiotant.to.d.e
	impermeable and resistant to the product/ the substance/ the preparation.
Due to missing tests no recom the chemical mixture.	mendation to the glove material can be given for the product/ the preparation.
	d on consideration of the persentiation times, rates of diffusion and the
	l on consideration of the penetration times, rates of diffusion and the
degradation Material of gloves	
	loves does not only depend on the material, but also on further marks of quali
	r to manufacturer. As the product is a preparation of several substances, the al can not be calculated in advance and has therefore to be checked prior to the second se
application.	ui cun noi de cuiculalea în davance ana nas înerejore lo de checkea prior lo în
Penetration time of glove ma	terial
	ckness of 0.4 mm are resistant to:
Acetone: 480 min	
Butyl acetate: 60 min	
Ethyl acetate: 170 min	
Xylene: 42 min	
	has to be found out by the manufacturer of the protective gloves and has to be
observed.	
Eye protection:	
Tightly sealed gog	gles
SECTION 9: Physical a	nd chemical properties
•	
	sical and chemical properties
General Information	
Appearance: Form:	Aarocol
	Aerosol Red
Colour:	Rea Solvent-like
Odour:	Solvent-like Not determined.
Odour threshold:	
pH-value:	Not determined.
pH-value:	(Contd. on page

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<ul> <li>Change in condition Melting point/freezing point: Initial boiling point and boiling range.</li> </ul>	Undetermined. 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:	<i>Product is not explosive. However, formation of explosive air/vapour mixtures are possible.</i>
· Explosion limits: Lower: Upper:	1.2 Vol % 13 Vol %
• Vapour pressure at 20 •C (68 •F):	3,500 hPa (2,625.2 mm Hg)
<ul> <li>Density at 20 °C (68 °F):</li> <li>Relative density</li> <li>Vapour density</li> <li>Evaporation rate</li> </ul>	0.77 g/cm <sup>3</sup> (6.43 lbs/gal) Not determined. Not determined. Not applicable.
· Solubility in / Miscibility with water:	Not miscible or difficult to mix.
· Partition coefficient: n-octanol/water:	Not determined.
· Viscosity: Dynamic: Kinematic:	Not determined. Not determined.
<ul> <li>Solvent content: Organic solvents:</li> <li>EU-VOC:</li> <li>EU-VOC in %:</li> <li>Water:</li> <li>VOC (EC)</li> </ul>	88.3 % 680.2 g/l 88.27 % 0.3 %
· VOC-EU%	88.27 %
<ul> <li>Solids content:</li> <li>9.2 Other information</li> </ul>	11.5 % 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.

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	•	n available data, the classification criteria are not met. ant for classification:
67-64-1 ac		
Oral	LD50	5,800 mg/kg (rat)
Dermal	LD50 LD50	>15,800 mg/kg (rabbit)
Inhalative		76 mg/l (rat)
	-butyl acete	
Oral	LD50	10,800 mg/kg (rat)
Dermal	LD50	>17,600 mg/kg (rabbit)
Inhalative	LC50 / 4h	1.85 mg/l (rat)
		-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	tan-1-ol	1
Oral	LD50	2,292 mg/kg (rat)
Dermal	LD50	<i>3,430 mg/kg (rabbit)</i>
67-63-0 pr	opan-2-ol	
Oral	LD50	5,840 mg/kg (rat)
Dermal	LD50	13,900 mg/kg (rabbit)
Inhalative	LC50	>25 mg/l (rat) LC 50: 6h
Causes ser	ious eye irr	
Causes ser Respirator CMR effect Germ cell Carcinoge Reproduct STOT-sing May cause STOT-repo	y or skin se ts (carcinog mutagenicit nicity Based ive toxicity gle exposure drowsiness eated expos	itation. <b>nsitisation</b> Based on available data, the classification criteria are not met. <b>genity, mutagenicity and toxicity for reproduction</b> ) <b>ty</b> Based on available data, the classification criteria are not met. I on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. or dizziness. <b>ure</b> Based on available data, the classification criteria are not met.
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Causes ser Respirator CMR effect Germ cell Carcinoge Reproduct STOT-sing May cause STOT-repa Aspiration SECTIO 12.1 Toxic Aquatic to. 67-64-1 ac LC50/96h EC50/96h LC50/48	y or skin se ts (carcinog mutagenicit nicity Based ive toxicity drowsiness eated expos hazard Bas N 12: Eco ity xicity: etone 8,300 mg 7,200 mg h 8,450 mg	itation. nsitisation Based on available data, the classification criteria are not met. genity, mutagenicity and toxicity for reproduction) ty Based on available data, the classification criteria are not met. l on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. or dizziness. ure Based on available data, the classification criteria are not met. Seed on available data, the classification criteria are not met. Mage of available data, the classification criteria are not met. Mage of available data, the classification criteria are not met. Mage of available data, the classification criteria are not met. Mage of available data, the classification criteria are not met. Mage of available data, the classification criteria are not met. Mage of available data, the classification criteria are not met. Mage of the classification criteria classification criteria are not met. Mage of the classification criteria classification cla
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EC30/48 h	>500 mg/l (daphnia magna)
LC50 / 96 h	100-180 mg/l (oncorhynchus mykiss / Regenbogenforelle)
71-36-3 buta	ın-1-ol
LC50/96 h	1,376 mg/l (fish)
67-63-0 prop	pan-2-ol
LC50/96h	9,640 mg/l (pimephales promelas; 96h)
LC50/24 h	9,714 mg/l (daphnia magna)
Ecotoxical e Remark: Ha Additional e General not Water hazar Do not allow	rmful to fish cological information: es: d class 2 (German Regulation) (Self-assessment): hazardous for water product to reach ground water, water course or sewage system.
Harmful to a • <b>12.5 Results</b> • <b>PBT:</b> Not ap	
• <b>vPvB:</b> Not a • <b>12.6 Other a</b>	oplicable. <b>dverse effects</b> No further relevant information available.

## • 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: 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	
ADR		
· Class	2 5F Gases.	

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Label	2.1
IMDG, IATA	
Class	2.1
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.
Danger code (Kemler): EMS Number:	- F-D,S-U
Stowage Code	SW1 Protected from sources of heat.
Storrage Court	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.
147 Turner and in Lastle and and in a factor	
14.7 Transport in bulk according to An Marpol and the IBC Code	nex 11 of Not applicable.
Transport/Additional information:	
ADR Limited quantities (LQ)	1L
Excepted quantities (EQ)	Code: E0
Lacepica quantanes (DQ)	Not permitted as Excepted Quantity
	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
	Code: E0 Not permitted as Excepted Quantity
UN ''Model Regulation'':	UN 1950 AEROSOLS, 2.1

## SECTION 15: Regulatory information

 $\cdot$  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

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GB

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

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

• 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: RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail) ICAO: International Civil Aviation Organisation 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 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.