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THE PERFECT FINISH Safety data sheet

according to 1907/2006/EC, Article 31

Version number 2 Printing date 25.02.2019 Revision: 30.08.2018 SECTION 1: Identification of the substance/mixture and of the company/undertaking · 1.1 Product identifier · Trade name: PLASTI-KOTE® T&S BBO 6UC 400 ML · Article number: 440.0026020.076 · 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 \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) **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 Skin Irrit. 2 H315 Causes skin irritation. Eye Irrit. 2 H319 Causes serious eye irritation.

· 2.2 Label elements

H336

STOT SE 3

· Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

May cause drowsiness or dizziness.

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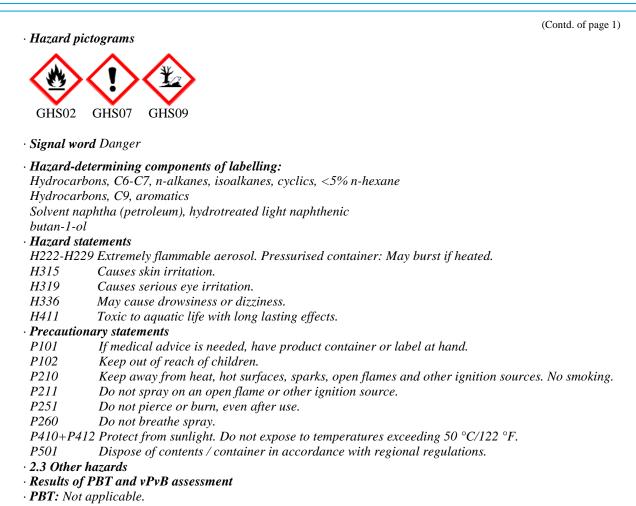
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· vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

· 3.2 Chemical characterisation: Mixtures

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

EC number: 921-024-6 Reg.nr.: 01-2119475514-35	<i>Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane</i>	25-<50%
	 Flam. Liq. 2, H225 Asp. Tox. 1, H304 Aquatic Chronic 2, H411 Skin Irrit. 2, H315; STOT SE 3, H336 	
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 (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 1, H220	10-<12.5%
CAS: 75-28-5 EINECS: 200-857-2 Index number: 601-004-00-0 Reg.nr.: 01-2119485395-27	isobutane � Flam. Gas 1, H220	10-<12.5%

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CAS: 1330-20-7	xylene, mixture of isomers	Contd. of pag 5-<10%
EINECS: 215-535-7 Index number: 601-022-00-9 Reg.nr.: 01-2119488216-32	 Flam. Liq. 3, H226 Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315 	5 (10)
CAS: 12001-26-2 EC number: 601-648-2	Mica substance with a Community workplace exposure limit	5-<10%
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-<59
CAS: 1333-86-4 EINECS: 215-609-9 Reg.nr.: 01-2119384822-32-0032	Carbon black substance with a Community workplace exposure limit	<2.5%
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%
EC number: 926-605-8 Reg.nr.: 01-2119486291-36-xxxx	Solvent naphtha (petroleum), hydrotreated light naphthenic Flam. Liq. 2, H225 Asp. Tox. 1, H304 Aquatic Chronic 2, H411 STOT SE 3, H336	<2.5%
CAS: 71-36-3 EINECS: 200-751-6 Index number: 603-004-00-6 Reg.nr.: 01-2119484630-38	 butan-1-ol Flam. Liq. 3, H226 Eye Dam. 1, H318 Acute Tox. 4, H302; Acute Tox. 4, H332; Skin Irrit. 2, H315; STOT SE 3, H335-H336 	<2.5%
EC number: 931-254-9 Reg.nr.: 01-2119484651-34	Naphtha (petroleum), hydrotreated light Flam. Liq. 2, H225 Asp. Tox. 1, H304 Aquatic Chronic 2, H411 STOT SE 3, H336	<2.5%
EC number: 927-510-4 Reg.nr.: 01-2119475515-33	Naphtha (petroleum), hydrotreated light Flam. Liq. 2, H225 Asp. Tox. 1, H304 Aquatic Chronic 2, H411 Skin Irrit. 2, H315; STOT SE 3, H336	<2.5%
CAS: 162303-51-7 NLP: 500-687-1	Polybutyl titanate Flam. Liq. 3, H226 Eye Dam. 1, H318 Skin Irrit. 2, H315	<2.5%

· 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: 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:

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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.

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- 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.
- · 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 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.

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.

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	ntrol parameters lients with limit values that require monitoring at the workplace:
-	7-8 butane
	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)
1330-2	20-7 xylene, mixture of isomers
	Short-term value: 441 mg/m³, 100 ppm Long-term value: 220 mg/m³, 50 ppm Sk; BMGV
12001	-26-2 Mica
	Long-term value: 10* 0.8** mg/m³ *total inhalable **respirable
1333-	86-4 Carbon black
	Short-term value: 7 mg/m³ Long-term value: 3.5 mg/m³
100-4	1-4 ethylbenzene
	Short-term value: 552 mg/m³, 125 ppm Long-term value: 441 mg/m³, 100 ppm Sk
71-36	3 butan-1-ol
	Short-term value: 154 mg/m³, 50 ppm Sk
Ingred	lients with biological limit values:
-	20-7 xylene, mixture of isomers
BMG	650 mmol/mol creatinine
	Medium: urine
	Sampling time: post shift
4 7 7	Parameter: methyl hippuric acid
Addıtı	onal information: The lists valid during the making were used as basis.
	posure controls
	nal protective equipment:
	al protective and hygienic measures: way from foodstuffs, beverages and feed.
	liately remove all soiled and contaminated clothing
	hands before breaks and at the end of work.
	t inhale gases / fumes / aerosols.
	contact with the eyes and skin.
	contact with the eyes.
	atory protection:
use se	e of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposur f-contained respiratory protective device. tion of hands:
Due to	p missing tests no recommendation to the glove material can be given for the product/ the preparation/ emical mixture.
MIS-	Protective gloves
The gl	ove material has to be impermeable and resistant to the product/ the substance/ the preparation.

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

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· Material of gloves

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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:



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Tightly sealed goggles

9.1 Information on basic physical and c	hemical properties
General Information	
Appearance:	
Form:	Aerosol
Colour:	Different according to colouring
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:	>200 °C (>392 °F)
Decomposition temperature:	Not determined.
Explosive properties:	Product is not explosive. However, formation of explosive air/ vapour mixtures are possible.
Explosion limits:	
Lower:	0.6 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.

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· Solvent content:		
Organic solvents:	85.1 %	
· EU-VOC:	607.3 g/l	
• EU-VOC in %:	85.15 %	
\cdot VOC (EC)		
	607.3 g/l	
· VOC-EU%	85.15 %	
· Solids content:	19.1 %	
• 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.

· LD/LC50 v	LD/LC50 values relevant for classification:			
Hydrocarb	Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane			
Oral	LD50	>5,840 mg/kg (rat)		
Dermal	LD50	>2,920 mg/kg (rab)		
Inhalative	LC50 / 4h	>25.2 mg/l (rat)		
1330-20-7	1330-20-7 xylene, mixture of isomers			
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)		
71-36-3 bu	71-36-3 butan-1-ol			
Oral	LD50	2,292 mg/kg (rat)		
Dermal	LD50	<i>3,430 mg/kg (rabbit)</i>		
Inhalative	LC50 / 4 h	17.76 mg/m3 (rat)		

· Primary irritant effect:

· Skin corrosion/irritation

Causes skin irritation.

 \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)
- \cdot 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.

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

· STOT-single exposure

May cause drowsiness or dizziness.

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• 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.

SECTIO	N 12: Ecological information
12.1 Toxic	ity
Aquatic to.	xicity:
Hydrocarb	oons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane
EC50/48	h 3 mg/l (daphnia magna)
EC50 / 72	h 30-100 mg/l (algae)
LC50/96	h 11.4 mg/l (fish)
1330-20-7	xylene, mixture of isomers
EC50/48	h 7.4 mg/l (daphnia magna)
LC50/96	h 13.5 mg/l (fish)
71-36-3 bu	tan-1-ol
LC50/96	h 1,376 mg/l (fish)
12.3 Bioac 12.4 Mobin Ecotoxical Remark: 1 Additional General no Water haza Do not allo Danger to Also poison Toxic for a 12.5 Resul PBT: Not a vPvB: Not	<i>Toxic for fish</i>
13.1 Waste Recommen	e disposed together with household garbage. Do not allow product to reach sewage system.
European	waste catalogue waste paint and varnish containing organic solvents or other hazardous substances

· 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.

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14.1 UN-Number ADR, IMDG, IATA	UN1950
	011350
14.2 UN proper shipping name ADR IMDG	1950 AEROSOLS, ENVIRONMENTALLY HAZARDOUS AEROSOLS (Naphtha (petroleum), hydrotreated light, Solvent naphtha (petroleum), light arom.), MARINE POLLUTANT
IATA	AEROSOLS, flammable
14.3 Transport hazard class(es)	
ADR	
Class	2 5F Gases.
Label	2.1
Class	2.1
Label	2.1
Class Label	2.1 2.1
14.4 Packing group ADR, IMDG, IATA	not regulated
14.5 Environmental hazards: Marine pollutant: Special marking (ADR):	Symbol (fish and tree) Symbol (fish and tree)
14.6 Special precautions for user	Warning: Gases.
Danger code (Kemler): EMS Number:	- F-D,S-U
EMS Number: Stowage Code	F-D,S-U SW1 Protected from sources of heat. SW22 For AEROSOLS with a maximum capacity of 1 lith Category A. For AEROSOLS with a capacity above 1 lith Category B. For WASTE AEROSOLS: Category C, Clear of living quarters.
Segregation Code	SG69 For AEROSOLS with a maximum capacity of 1 litr 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.
	segregation as jor the appropriate subdivision of class 2.

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· 14.7 Transport in bulk according to A	nnex II of
Marpol and the IBC Code	Not applicable.
· Transport/Additional information:	
· ADR	
· Limited quantities (LQ)	1L
· Excepted quantities ($\widetilde{E}Q$)	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
	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
- 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.
- 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.
- H318 Causes serious eye damage.
- H332 Harmful if inhaled.
- H335 May cause respiratory irritation.

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H336 May cause drowsiness or dizziness.	
H373 May cause damage to the gastro-intestinal tract through prolonged or repeated exposit	ıre.
H411 Toxic to aquatic life with long lasting effects.	
H412 Harmful to aquatic life with long lasting effects.	
Abbreviations and acronyms:	· · · · · · · · · · · · · · · · · · ·
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concernin	g 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	
ELINES: 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	
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	
STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2	
Asp. Tox. 1: Aspiration 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 compared to the previous version altered.	

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