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THE PERFECT FINISH Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 16.09.2020

Version number 2

Revision: 08.09.2020

SECTION 1: Identification of the substance/mixture and of the company/undertaking · 1.1 Product identifier · Trade name: PLASTI-KOTE® 484 CRACKLE BASE BROWN 6UC 400 ML · Article number: 440.0000484.076 · 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) 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



Aerosol 1 H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.

 Eye Irrit. 2 H319
 Causes serious eye irritation.

 STOT SE 3 H336
 May cause drowsiness or dizziness.

 • 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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Hazard pie	
	·····
	\wedge
<u> (19</u>)	
\sim	\mathbf{V}
GHS02	GHS07
Signal wor	r d Danger
Hazard-de	termining components of labelling:
acetone	
n-butyl ace	etate
2-methoxy-	-1-methylethyl acetate
Hazard sta	itements
H222-H22	9 Extremely flammable aerosol. Pressurised container: May burst if heated.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
Precaution	nary 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+P41	2 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
P501	Dispose of contents / container in accordance with regional regulations.
Additional	l information:
EUH066 R	Repeated exposure may cause skin dryness or cracking.
Buildup of	explosive mixtures possible without sufficient ventilation.
EUH211 V	Varning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or
n	nist.
2.3 Other	hazards
Results of	PBT and vPvB assessment
	applicable.

· **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

· 3.2 Chemical characterisation: Mixtures

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

CAS: 67-64-1	acetone	25-<50%
EINECS: 200-662-2 Index number: 606-001-00-8	 Flam. Liq. 2, H225 Eye Irrit. 2, H319; STOT SE 3, H336 	
Reg.nr.: 01-2119471330-49	V Eye Inu. 2, H319, STOT SE 5, H350	
CAS: 115-10-6	dimethyl ether	12.5-<20%
EINECS: 204-065-8	🚸 Flam. Gas 1A, H220	
Index number: 603-019-00-8	Press. Gas (Comp.), H280	
Reg.nr.: 01-2119472128-37		
CAS: 74-98-6	propane	10-<12.5%
EINECS: 200-827-9	🚸 Flam. Gas 1A, H220	
Index number: 601-003-00-5	Press. Gas (Comp.), H280	
Reg.nr.: 01-2119486944-21		
CAS: 123-86-4	n-butyl acetate	10-<12.5%
EINECS: 204-658-1	🚸 Flam. Liq. 3, H226	
Index number: 607-025-00-1	1 🚯 STOT SE 3, H336	
<i>Reg.nr.: 01-2119485493-29</i>		

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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	5-<10%
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 STOT SE 3, H336	5-<10%
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	2.5-<5%
CAS: 9004-70-0	cellulose nitrate 🚸 Flam. Sol. 1, H228	2.5-<5%
EC number: 905-588-0 Index number: 601-022-00-9 Reg.nr.: 01-2119488216-32	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%
CAS: 13463-67-7 EINECS: 236-675-5 Index number: 022-006-00-2 Reg.nr.: 01-2119489379-17	titanium dioxide	<2.5%
CAS: 64-17-5 EINECS: 200-578-6 Index number: 603-002-00-5 Reg.nr.: 01-2119457610-43	ethanol Flam. Liq. 2, H225 Eye Irrit. 2, H319	<2.5%

• Additional information: xylene: Contains ethylbenzene CAS 100-41-4 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: 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 -
- · Protective equipment: Mouth respiratory protective device.

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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: 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:
- **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 in one common storage factury. Not required.
- · 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

· Ingre	dients with limit values that require monitoring at the workplace:
67-64	I-1 acetone
WEL	Short-term value: 3620 mg/m ³ , 1500 ppm
	Long-term value: 1210 mg/m³, 500 ppm
115-1	0-6 dimethyl ether
WEL	Short-term value: 958 mg/m ³ , 500 ppm
	Long-term value: 766 mg/m³, 400 ppm
123-8	6-4 n-butyl acetate
WEL	Short-term value: 966 mg/m ³ , 200 ppm
	Long-term value: 724 mg/m ³ , 150 ppm
106-9	7-8 butane
WEL	Short-term value: 1810 mg/m ³ , 750 ppm
	Long-term value: 1450 mg/m ³ , 600 ppm
	Carc (if more than 0.1% of buta-1.3-diene)
108-6	5-6 2-methoxy-1-methylethyl acetate
WEL	Short-term value: 548 mg/m ³ , 100 ppm
	Long-term value: 274 mg/m ³ , 50 ppm
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xylene	
	Short-term value: 441 mg/m ³ , 100 ppm
	Long-term value: 220 mg/m³, 50 ppm ik; BMGV
	5 ethanol
WEL L	long-term value: 1920 mg/m³, 1000 ppm
Ingred	ients 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.
	•
	posure controls
	al protective equipment:
	Il protective and hygienic measures:
	way from foodstuffs, beverages and feed.
	iately remove all soiled and contaminated clothing
	ands before breaks and at the end of work.
	inhale gases / fumes / aerosols.
	contact with the eyes and skin.
	contact with the eyes.
Kespiri	atory 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 Protect	A2/P3 tion of hands:
112	Protective gloves
Materi	al of gloves
	ubber, BR
	ection of the suitable gloves does not only depend on the material, but also on further marks of qualit
	ries from manufacturer to manufacturer.
Penetra	ation time of glove material
	ubber gloves with a thickness of 0.4 mm are resistant to:
	ne: 480 min
Butyl c	acetate: 60 min
Ethyl c	acetate: 170 min
Xylene	2: 42 min
Butyl ri measur of 42 m	ubber gloves with a thickness of 0.4 mm are solvent resistant for 42- 480 minutes. As protective 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
particu	lar cases. (Contd. on page
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• Eye protection:

Tightly sealed goggles

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and c	chemical 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	e: Not applicable, as aerosol.
· Flash point:	Not applicable, as aerosol.
· Flammability (solid, gas):	Not applicable.
· Ignition temperature:	240 °C (464 °F)
· Decomposition temperature:	Not determined.
· Explosive properties:	Not determined.
· Explosion limits:	
Lower:	1.2 Vol %
Upper:	26.2 Vol %
· Vapour pressure at 20 °C (68 °F):	4000 hPa (3000.2 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:	90.2 %
VOC (EC)	
	631.2 g/l
· VOC-EU%	90.17 %
	9.1%
• Solids content:	
• 9.2 Other information	No further relevant information available.

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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.
- \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		
Oral	LD50	5800 mg/kg (rat)
Dermal	LD50	>15800 mg/kg (rabbit)
Inhalative	LC50 / 4h	76 mg/l (rat)
123-86-4 n	n-butyl aceta	ate
Oral	LD50	10800 mg/kg (rat) (OECD 401)
Dermal	LD50	>17600 mg/kg (rabbit)
Inhalative	LC50 / 4 h	>21 mg/m3 (rat)
108-65-6 2	e-methoxy-1	-methylethyl acetate
Oral	LD50	8530 mg/kg (rat)
Dermal	LD50	>5000 mg/kg (rabbit)
Inhalative	LC50 / 4 h	>10000 mg/m3 (rat)
xylene		·
Oral	LD50	3523 mg/kg (rat)
Dermal	LD50	2000 mg/kg (rabbit)
Inhalative	LC50 / 4 h	29000 mg/m3 (rat)
64-17-5 et	hanol	•
Oral	LD50	10470 mg/kg (rat)
Dermal	LD50	>2000 mg/kg (rat)
Inhalative	LC50 / 4h	120 mg/l (rat)

· 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.

 $\cdot \textit{Reproductive toxicity Based on available data, the classification criteria are not met.}$

· 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.

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12.1 Toxicit	
Aquatic toxi 67-64-1 acei	•
07-04-1 ace LC50/96h	· · · · · · · · · · · · · · · · · · ·
EC50/96h EC50/96h	8300 mg/l (fish) 7200 mg/l (algae)
	8450 mg/l (crustacean (water flea)) nethyl ether
	155 mg/l (algae)
	>4000 mg/l (daphnia magna)
	>4000 mg/l (fish)
	methoxy-1-methylethyl acetate
	>500 mg/l (daphnia magna)
	100-180 mg/l (oncorhynchus mykiss / Regenbogenforelle)
xylene	
EC50 / 48 h	7.4 mg/l (daphnia magna)
LC50/96 h	13.5 mg/l (fish)
64-17-5 eth	inol
LC50/96h	13000 mg/l (oncorhynchus mykiss / Regenbogenforelle)
EC50 / 48 h	12900 mg/l (algae)
LC50 / 48 h	12340 mg/l (daphnia magna)
12.3 Bioacc 12.4 Mobilit Additional e General not Water hazar Do not allov system. 12.5 Results PBT: Not ap vPvB: Not a	d class 1 (German Regulation) (Self-assessment): slightly hazardous for water v undiluted product or large quantities of it to reach ground water, water course or sewage of PBT and vPvB assessment oplicable.
	7 13: Disposal considerations

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.

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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	
Class	2 5F Gases.
Label	2.1 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.
Hazard identification number (Kemler code):	-
EMS Number:	F- D , S - U
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 of Marpol and the IBC Code	f 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

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· IMDG	11	
• Limited quantities (LQ) • Excepted quantities (EQ)	1L Code: E0	
Excepted quantities (EQ)	Not permitted as Excepted Quantity Code: E0	
	Not permitted as Excepted Quantity	
· UN "Model Regulation":	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

· 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. H228 Flammable solid. H280 Contains gas under pressure; may explode if heated. H304 May be fatal if swallowed and enters airways. H312 Harmful in contact with skin. H315 Causes skin irritation. H319 Causes serious eye irritation. H332 Harmful if inhaled. H335 May cause respiratory irritation. H336 May cause drowsiness or dizziness. H351 Suspected of causing cancer. Route of exposure: Inhalation. H373 May cause damage to organs through prolonged or repeated exposure. · 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) (Contd. on page 11) GB

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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 Press. Gas (Comp.): 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 - dermal - Category 4 Skin Irrit. 2: Skin corrosion/irritation – Category 2 Eye Irrit. 2: Serious eye damage/eye irritation – Category 2 Carc. 2: Carcinogenicity – 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 \cdot * Data compared to the previous version altered.