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THE PERFECT FINISH Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 18.04.2024

Version number 48 (replaces version 47) Revision: 30.03.2022 SECTION 1: Identification of the substance/mixture and of the company/undertaking · 1.1 Product identifier · Trade name: PLASTI-KOTE T&S CHALKBOARD BLACK 6UC 400 ML · Article number: 026001 · 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 Paint remover · Process category PROC7 Industrial spraying **PROC11** Non industrial spraving · Application of the substance / the mixture Paint · 1.3 Details of the supplier of the safety data sheet · Manufacturer/Supplier: European Aerosols B.V. Wolfraamweg 2 NL-8471 XC Wolvega The Netherlands Tel: +31 (0)561 694400 e-mail: sds-nl@european-aerosols.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 flame Aerosol 1 H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.

· 2.2 Label elements

Eye Irrit. 2 H319

STOT SE 3 H336

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

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

Causes serious eye irritation.

May cause drowsiness or dizziness.

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	(Contd. of page 1
Hazard p	ictograms
$\mathbf{\Lambda}$	\wedge
1 she	
N ^g /	
GHS02	GHS07
011502	
Signal w	ord Danger
Hazard-a	letermining components of labelling:
acetone	
	rbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics
	tatements
	29 Extremely flammable aerosol. Pressurised container: May burst if heated.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
	onary statements
P101 P102	<i>If medical advice is needed, have product container or label at hand.</i>
P102 P210	Keep out of reach of children. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No
F210	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.
	12 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
P501	Dispose of contents / container in accordance with regional regulations.
	al information:
	Repeated exposure may cause skin dryness or cracking.
	of explosive mixtures possible without sufficient ventilation.
EUH211	<i>Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or</i> <i>mist.</i>
2.3 Othe	
	f PBT and vPvB assessment
	t applicable.
	ot applicable.

SECTION 3: Composition/information on ingredients

· 3.2 Mixtures

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 $\cdot \textit{Description: Mixture of substances listed below with nonhazardous additions.}$

Dangerous components:

· Dangerous components:		
CAS: 67-64-1	acetone	25-<50%
EINECS: 200-662-2	🚸 Flam. Liq. 2, H225	
	() Eye Irrit. 2, H319; STOT SE 3, H336	
Reg.nr.: 01-2119471330-49	<i>ĒUH066</i>	
CAS: 74-98-6	propane	12.5-<20%
EINECS: 200-827-9	🚸 Flam. Gas 1A, H220	
Index number: 601-003-00-5	Press. Gas (Comp.), H280	
Reg.nr.: 01-2119486944-21		
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		(Contd. of page 2
EC number: 919-857-5 Reg.nr.: 01-2119463258-33	<i>Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics</i>	12.5-<20%
	 Flam. Liq. 3, H226 Asp. Tox. 1, H304 STOT SE 3, H336 EUH066 	-
CAS: 106-97-8	butane (containing $< 0,1$ % butadiene (203-450-8))	_ 10-<12.5%
EINECS: 203-448-7 Index number: 601-004-00-0 Reg.nr.: 01-2119474691-32	🚸 Flam. Gas 1A, H220 Press. Gas (Comp.), H280	
CAS: 75-28-5	isobutane (containing $< 0,1$ % butadiene (203-450-8))	_ 10-<12.5%
EINECS: 200-857-2 Index number: 601-004-00-0 Reg.nr.: 01-2119485395-27	🚸 Flam. Gas 1A, H220 Press. Gas (Comp.), H280	
CAS: 13463-67-7	titanium dioxide	≥1-<2.5%
EINECS: 236-675-5 Index number: 022-006-00-2 Reg.nr.: 01-2119489379-17	😵 Carc. 2, H351	
CAS: 2457-02-5	strontium(II) 2-ethylhexanoate	<0.3%
EINECS: 219-536-3	Repr. 1A, H360D	
Reg.nr.: 01-2120783571-49	 Eye Dam. 1, H318 Acute Tox. 4, H302; Skin Irrit. 2, H315 	

· Additional information:

The content of Benzene (EINECS-Nr. 200-753-7) in the ingredients is less than 0,1% (Note P Annex 1A 1272/2008 EU), so the classification as carcinogen need not to apply. 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 -
- · Protective equipment: Mouth respiratory protective device.

SECTION 6: Accidental release measures

· 6.1 Personal precautions, protective equipment and emergency procedures Ensure adequate ventilation Mount respiratory protective device.

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Wear protective equipment. Keep unprotected persons away.
Keep away from ignition sources.
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 section 13. Ensure adequate ventilation.
6.4 Reference to other sections See Section 7 for information on safe handling.

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.

See Section 8 for information on personal protection equipment.

· 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

· 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 (containing < 0,1 % butadiene (203-450-8))

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)

13463-67-7 titanium dioxide

WEL Long-term value: 10* 4** mg/m³ *total inhalable **respirable

· DNELs

67-64-1 acetone		
Oral	DNEL	62 mg/kg /per day (Consumer, longterm systemic)
Dermal	DNEL	62 mg/kg /per day (Consumer, longterm systemic)
	DNEL	186 mg/kg /per day (Worker, longterm systemic)
Inhalative	DNEL	2420 mg/m3 (Worker, acute local)
	DNEL	1210 mg/m3 (Worker, longterm systemic)
	DNEL	200 mg/m3 (Consumer, longterm systemic)
	DNEL	60 mg/m3

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Hvdrocarb	cons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics (Contd. of page
Oral	DNEL 125 mg/kg /per day (Consumer, longterm systemic)
Dermal	DNEL 208 mg/kg /per day (Worker, longterm systemic)
201110	DNEL 125 mg/kg /per day (Consumer, longterm systemic)
Inhalative	DNEL 871 mg/m3 (Worker, longterm systemic)
1111111111111110	DNEL 185 mg/m3 (Consumer, longterm systemic)
PNECs	
67-64-1 ac	atoma
	6 mg/l (Freshwater)
	6 mg/l (Seawater)
	mg/l (Sporadic release)
	mg/l (Sewage treatment plant)
	4 mg/kg (Freshwater sediment)
	4 mg/kg (Seawater sediment)
	5 mg/kg (Soil)
Additional	information: The lists valid during the making were used as basis.
Do not inh Avoid cont Avoid cont Respirator	
and the second s	Protective gloves
quality and Penetratio Butyl rubb Acetone: - Butyl acet Ethyl acet Xylene: 42 Butyl rubb measure, w	er, BR on of the suitable gloves does not only depend on the material, but also on further marks of d varies from manufacturer to manufacturer. n time of glove material er gloves with a thickness of 0.4 mm are resistant to: 480 min tate: 60 min tate: 60 min 2 min er gloves with a thickness of 0.4 mm are solvent resistant for 42- 480 minutes. As protective we recommend that users and responsible persons for work safety assume solvent resistance leng
of 42 minu particular	tes. Considering the data in section 3 of this SDS, one can assume longer resistance length in cases.

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Eye/face protection	(Contd. of page
Tightly sealed goggles	
SECTION 9: Physical and chemical prop	
9.1 Information on basic physical and chemical p General Information	properties
Physical state	Aerosol
Colour:	Different according to colouring
Odour:	Solvent-like
Odour threshold:	Not determined.
Melting point/freezing point:	Undetermined.
Boiling point or initial boiling point and boiling	
range	Not applicable, as aerosol.
Flammability	Not applicable.
Lower and upper explosion limit	
Lower:	0.6 Vol % (Hydrocarbons, C9-C11, n-alkanes,
	isoalkanes, cyclics, <2% aromatics)
Upper:	13 Vol % (67-64-1 acetone)
Flash point:	Not applicable, as aerosol.
Auto-ignition temperature:	>200 °C (>392 °F)
Decomposition temperature:	Not determined.
pH	Mixture is non-soluble (in water).
Viscosity:	
Kinematic viscosity	Not determined.
Dynamic:	Not determined.
Solubility	
water:	Not miscible or difficult to mix.
Partition coefficient n-octanol/water (log value) Vapour pressure at 20 °C (68 °F):	Not determined. 3500 hPa (2625.2 mm Hg)
Density and/or relative density	5500 nPa (2025.2 mm Hg)
Density and/of relative density Density at 20 $^{\circ}C$ (68 $^{\circ}F$):	0.8 g/cm ³ (6.7 lbs/gal)
Relative density	Not determined.
Vapour density	Not determined.
9.2 Other information	
Appearance:	Aerosol
Form: Important information on protection of health an	
environment, and on safety.	u
Explosive properties:	Not determined.
Solvent content:	Tor acremanca.
Organic solvents:	84.3 %
VOC (EC)	
V - Z	688.3 g/l
VOC-EU%	84.34 %
Solids content:	15.6 %
Change in condition	
Evaporation rate	Not applicable.
Information with regard to physical hazard classe	28
Explosives	Void

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· Flammable gases	Void
· Aerosols	Extremely flammable aerosol. Pressurised container:
	May burst if heated.
· Oxidising gases	Void
· Gases under pressure	Void
· Flammable liquids	Void
· Flammable solids	Void
· Self-reactive substances and mixtures	Void
· Pyrophoric liquids	Void
· Pyrophoric solids	Void
· Self-heating substances and mixtures	Void
· Substances and mixtures, which emit flamm	able
gases in contact with water	Void
· Oxidising liquids	Void
· Oxidising solids	Void
· Organic peroxides	Void
· Corrosive to metals	Void
· Desensitised explosives	Void

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.
- \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 hazard classes as defined in Regulation (EC) No 1272/2008

· Acute toxicity Based on available data, the classification criteria are not met.

 LD/LC50 values relevant for classification: 	
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	0 0			
67-64-1 acetone				
Oral	LD50	5800 mg/kg (rat)		
Dermal	LD50	>15800 mg/kg (rabbit)		
Inhalative	LC50 / 4h	76 mg/l (rat)		
	LC50 / 96 h	5540 mg/l (oncorhynchus mykiss)		
Hydrocarl	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics			
Oral	LD50	>5000 mg/kg /per day (rat) (OECD 401)		
Dermal	LD50	>2000 mg/kg (rat) (OECD 402)		
Inhalative	LC50 / 4 h	>5000 mg/m3 (rat) (OECD 403)		
2457-02-5 strontium(II) 2-ethylhexanoate				
Oral	LD50	2043 mg/kg (rat)		
Dermal	LD50	>2000 mg/kg (rat)		
· Skin corro	• Skin corrosion/irritation No irritant effect.			
• Serious eye damage/irritation Causes serious eye irritation.				
D • /				

• Respiratory or skin sensitisation No sensitising effects known.

· STOT-single exposure May cause drowsiness or dizziness.

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\cdot 11.2 Information on other hazards

· Endocrine disrupting properties

None of the ingredients is listed.

SECTION 12: Ecological information

· 12.1 Toxicity

• Aquatic toxicity:

67-64-1 acetone

LC50/96h 8300 mg/l (fish)

EC50/96h 7200 mg/l (algae)

LC50 / 48 h 8450 mg/l (crustacean (water flea))

· 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.
- · 12.5 Results of PBT and vPvB assessment

• **PBT:** Not applicable.

- **vPvB:** Not applicable.
- · 12.6 Endocrine disrupting properties
- The product does not contain substances with endocrine disrupting properties.
- · 12.7 Other adverse effects
- · 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.

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.

- · Uncleaned packaging:
- · Recommendation:

Disposal must be made according to official regulations. Disposal must be made according to official regulations.

· 14.1 UN number or ID number · ADR, IMDG, IATA	UN1950	
· 14.2 UN proper shipping name		
ADR	1950 AEROSOLS	
·IMDG	AEROSOLS	
·IATA	AEROSOLS, flammable	

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14.3 Transport hazard class(es)	(Contd. of pa
-	
ADR	
- Class	2 5F Gases.
Label	2.1
IMDG, IATA	
•	
Class	2.1 Gases.
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 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 L
	litre:
	Segregation as for class 9. Stow "separated from" cla
	<i>1 except for division 1.4.</i> <i>For AEROSOLS with a capacity above 1 litre:</i>
	Segregation as for the appropriate subdivision of cla
	2.
	For WASTE AEROSOLS:
	Segregation as for the appropriate subdivision of cla
	2.
14.7 Maritime transport in bulk according to IM	
instruments	Not applicable.
Transport/Additional information:	
ADR	
Limited quantities (LQ)	
Excepted quantities (EQ)	Code: E0 Not permitted as Excepted Quantity
Transport category	2
Tunnel restriction code	D D
IMDG	
Limited quantities (LQ)	1L
······································	

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Listed

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· 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

- · 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture · Poisons Act
- · Regulated explosives precursors
- None of the ingredients is listed.
- · Regulated poisons

None of the ingredients is listed.

· Reportable explosives precursors

67-64-1 acetone

• *Reportable poisons* None of the ingredients is listed.

- · 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
- \cdot Qualifying quantity (tonnes) for the application of upper-tier requirements 500 t
- 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.
- H315 Causes skin irritation.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H336 May cause drowsiness or dizziness.
- H351 Suspected of causing cancer.
- H360D May damage the unborn child.

EUH066 Repeated exposure may cause skin dryness or cracking.

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

Data is based on internal technical data and technical data from suppliers.

• 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 relatif au transport international 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

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ECS: European Inventory of Existing Commercial Chemical Substances	
NCS: European List of Notified Chemical Substances	
: Chemical Abstracts Service (division of the American Chemical Society)	
C: Volatile Organic Compounds (USA, EU)	
EL: Derived No-Effect Level (UK REACH)	
EC: Predicted No-Effect Concentration (UK REACH)	
0: Lethal concentration, 50 percent	
0: Lethal dose, 50 percent	
: Persistent, Bioaccumulative and Toxic	
B: very Persistent and very Bioaccumulative	
n. Gas 1A: Flammable gases – Category 1A	
osol 1: Aerosols – Category 1	
ss. Gas (Comp.): Gases under pressure – Compressed gas	
n. Liq. 2: Flammable liquids – Category 2	
n. Liq. 3: Flammable liquids – Category 3	
te Tox. 4: Acute toxicity – Category 4	
Irrit. 2: Skin corrosion/irritation – Category 2	
Dam. 1: Serious eye damage/eye irritation – Category 1	
Irrit. 2: Serious eye damage/eye irritation – Category 2	
c. 2: Carcinogenicity – Category 2	
r. 1A: Reproductive toxicity – Category 1A	
T SE 3: Specific target organ toxicity (single exposure) – Category 3	
Tox. 1: Aspiration hazard – Category 1	
Data compared to the previous version altered.	