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## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 20.08.2019

Version number 32

Revision: 13.11.2017

SECTION 1: Identification of the substance/mixture and of the company/undertaking · 1.1 Product identifier · Trade name: ProMATIC® GLOSS BLACK 500 ML · Article number: GB500 · 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  $\cdot$  1.3 Details of the supplier of the safety data sheet · Manufacturer/Supplier: **ProMATIC** 1 Mantle Close Off Bingham Road, Sittingbourne ME10 3BW Kent United Kingdom Tel: +44 (0)1634 823900 Fax: +44 (0)1634 823909 Email: info@capellasolutionsgroup.com · Further information obtainable from: Department Product Safety · 1.4 Emergency telephone number: Tel: +44(0) 1634 823900 (08.00 / 17.00) UK: NPIS National Poisons Information Centre Tel: +44 0344 892 0111 **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. 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. (Contd. on page 2) GR Page 2/11

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Hazard p	contd. of page
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she	
GHS02	GHS07
011502	01507
Signal w	ord Danger
Hazard-	determining components of labelling:
acetone	
n-butyl a	cetate
butan-1-	
propan-2	
	tatements
	229 Extremely flammable aerosol. Pressurised container: May burst if heated.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
	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.
	412 Protect from sunlight. Do not expose to temperatures exceeding 50 $^{\circ}C/122 ^{\circ}F$ .
P501	Dispose of contents / container in accordance with regional regulations.
	al information:
	Repeated exposure may cause skin dryness or cracking.
	r hazards
	f PBT and vPvB assessment
PBT: No	t applicable.

• *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:		
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: 115-10-6 EINECS: 204-065-8 Index number: 603-019-00-8 Reg.nr.: 01-2119472128-37	dimethyl ether Flam. Gas 1, H220 Press. Gas (Comp.), H280	20-<25%
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%
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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	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	5-<10%
CAS: 106-97-8 EINECS: 203-448-7 Index number: 601-004-00-0 Reg.nr.: 01-2119474691-32	butane Flam. Gas 1, H220 Press. Gas (Comp.), 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 (Comp.), 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%

· 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 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.

*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	
· Ingredients with limit values that require monitoring at the workplace:		
67-64	I-1 acetone	
WEL	Short-term value: 3620 mg/m <sup>3</sup> , 1500 ppm	
	Long-term value: 1210 mg/m³, 500 ppm	
115-1	0-6 dimethyl ether	
WEL	Short-term value: 958 mg/m <sup>3</sup> , 500 ppm	
	Long-term value: 766 mg/m³, 400 ppm	
123-8	6-4 n-butyl acetate	
WEL	Short-term value: 966 mg/m <sup>3</sup> , 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/m <sup>3</sup> , 100 ppm	
	Long-term value: 274 mg/m <sup>3</sup> , 50 ppm	
	Sk	
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	07-8 butane (Contd. of page
	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	5-3 butan-1-ol
WEL	Short-term value: 154 mg/m <sup>3</sup> , 50 ppm
	Sk
67-63	3-0 propan-2-ol
WEL	Short-term value: 1250 mg/m <sup>3</sup> , 500 ppm
	Long-term value: 999 mg/m³, 400 ppm
Addit	tional information: The lists valid during the making were used as basis.
8.2 E	xposure controls
Perso	onal protective equipment:
	ral protective and hygienic measures:
	away from foodstuffs, beverages and feed.
	diately remove all soiled and contaminated clothing
	hands before breaks and at the end of work.
	ot inhale gases / fumes / aerosols.
	l contact with the eyes and skin.
	l contact with the eyes.
	iratory protection:
	se of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposu
	elf-contained respiratory protective device.
	<b>action of hands:</b> to missing tests no recommendation to the glove material can be given for the product/ the preparation
	hemical mixture.
	love material has to be impermeable and resistant to the product/ the substance/ the preparation.
	tion of the glove material on consideration of the penetration times, rates of diffusion and the
	idation
-	to missing tests no recommendation to the glove material can be given for the product/ the preparation
	hemical mixture.
	rial of gloves
	election of the suitable gloves does not only depend on the material, but also on further marks of quali
	varies from manufacturer to manufacturer. As the product is a preparation of several substances, the
resist	ance of the glove material can not be calculated in advance and has therefore to be checked prior to t
appli	cation.
Pene	tration time of glove material
Butyl	rubber gloves with a thickness of 0.4 mm are resistant to:
	one: 480 min
	l acetate: 60 min
	l acetate: 170 min
	ne: 42 min
The e	exact break through time has to be found out by the manufacturer of the protective gloves and has to be
	ved. protection:
obser	

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SECTION 9: Physical and chem	
9.1 Information on basic physical and c	chemical properties
General Information	
Appearance: Form:	Aerosol
Colour:	Black
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:	<0 °C (<32 °F)
-	Not applicable, as aerosol.
Flammability (solid, gas):	Not applicable.
Ignition temperature:	240 °C (464 °F)
Decomposition temperature:	Not determined.
Explosive properties:	Product is not explosive. However, formation of explosive air/ vapour mixtures are possible.
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):	0.74 g/cm <sup>3</sup> (6.18 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:	91.9 %
Water:	0.3 %
VOC (EC)	
	679.4 g/l
VOC-EU%	91.87 %
Solids content:	7.8 %
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.
- 10.4 Conditions to avoid No further relevant information available.

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• 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	values relev	ant for classification:
67-64-1 ac	etone	
Oral	LD50	5800 mg/kg (rat)
Dermal	LD50	>15800 mg/kg (rabbit)
Inhalative	LC50 / 4h	76 mg/l (rat)
123-86-4 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	-methoxy-1	-methylethyl acetate
Oral	LD50	8530 mg/kg (rat)
Dermal	LD50	>5000 mg/kg (rabbit)
Inhalative	LC50 / 4 h	>10000 mg/m3 (rat)
71-36-3 bu	tan-1-ol	
Oral	LD50	2292 mg/kg (rat)
Dermal	LD50	3430 mg/kg (rabbit)
Inhalative	LC50 / 4 h	17000 mg/m3 (rat)
67-63-0 pr	opan-2-ol	
Oral	LD50	5840 mg/kg (rat)
Dermal	LD50	13900 mg/kg (rabbit)
Inhalative	LC50	>25 mg/l (rat) LC 50: 6h
Primary ir	ritant effect	f•

• Primary irritant effect:

· Skin corrosion/irritation Based on available data, the classification criteria are not met.

· 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.
- *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.
- $\cdot \textit{Aspiration hazard Based on available data, the classification criteria are not met.}$

#### **SECTION 12: Ecological information**

#### · 12.1 Toxicity

• Aquatic	toxicity:
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67-64-1	acetone

LC50/96h 8300 mg/l (fish)

EC50/96h 7200 mg/l (algae)

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LC50 / 48 h	8450 mg/l (crustacean (water flea))
115-10-6 dir	nethyl ether
EC50 / 96 h	155 mg/l (algae)
LC50 / 48 h	>4000 mg/l (daphnia magna)
LC50/96 h	>4000 mg/l (fish)
108-65-6 2-1	nethoxy-1-methylethyl acetate
EC50 / 48 h	>500 mg/l (daphnia magna)
LC50 / 96 h	100-180 mg/l (oncorhynchus mykiss / Regenbogenforelle)
71-36-3 but	un-1-ol
LC50 / 96 h	1376 mg/l (fish)
67-63-0 proj	pan-2-ol
LC50/96h	9640 mg/l (pimephales promelas; 96h)
LC50 / 24 h	9714 mg/l (daphnia magna)
12.3 Bioacci 12.4 Mobilit	nce and degradability No further relevant information available. umulative potential No further relevant information available. y in soil No further relevant information available. cological information:
	d class 1 (German Regulation) (Self-assessment): slightly hazardous for water
Do not allow system.	undiluted product or large quantities of it to reach ground water, water course or sewage
PBT: Not ap	
vPvB: Not a 12.6 Other a	pplicable. <b>dverse effects</b> 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.

· 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:

\*

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.

· 14.1 UN-Number		
· ADR, IMDG, IATA	UN1950	
· 14.2 UN proper shipping name		
$\cdot ADR$	1950 AEROSOLS	
·IMDG	AEROSOLS	
·IATA	AEROSOLS, flammable	

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14.3 Transport hazard class(es)	
ADR	
2	
•	
Class	2 5F Gases.
Label	2.1
IMDG, IATA	
2	
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.
	SW22 For AEROSOLS with a maximum capacity of 1 lit. Category A. For AEROSOLS with a capacity above 1 lit.
	Category B. For WASTE AEROSOLS with a capacity above 1 in Category B. For WASTE AEROSOLS: Category C, Clea
	of living quarters.
Segregation Code	SG69 For AEROSOLS with a maximum capacity of 1 lit
	Segregation as for class 9. Stow "separated from" class
	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	Not applicable.
Transport/Additional information:	
ADR	
Limited quantities (LQ)	
Excepted quantities (EQ)	Code: E0
Transport estesory	Not permitted as Excepted Quantity 2
Transport category Tunnel restriction code	2 D
	-
HAD C	
IMDG	
Limited quantities (LQ)	1L Code: F0
	Code: E0
Limited quantities (LQ)	
Limited quantities (LQ)	Code: E0 Not permitted as Excepted Quantity

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### 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
- 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.
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.
Department issuing SDS: R&D legislation and regulatory advisor

· Contact: QHSE Department

#### • 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 (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 – Category 4 Skin Irrit. 2: Skin corrosion/irritation - Category 2 Eye Dam. 1: Serious eye damage/eye irritation - Category 1

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*Eye Irrit. 2: Serious eye damage/eye irritation – Category 2 STOT SE 3: Specific target organ toxicity (single exposure) – Category 3* • \* *Data compared to the previous version altered.*  (Contd. of page 10)

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