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Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 20.08.2019 Version number 73 Revision: 08.07.2019 SECTION 1: Identification of the substance/mixture and of the company/undertaking · 1.1 Product identifier · Trade name: ProMATIC® STEEL WHEELS AEROSOL 500 ML · Article number: STW500 · 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 2/10

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· Hazard pictograms



- · Signal word Danger
- · Hazard-determining components of labelling:
- acetone

n-butyl acetate

- Hazard statements
- H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.
- H319 Causes serious eye irritation.
- H336 May cause drowsiness or dizziness.

· Precautionary 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+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
- *P501* Dispose of contents / container in accordance with regional regulations.
- Additional information:
- EUH066 Repeated exposure may cause skin dryness or cracking.
- · 2.3 Other hazards
- · Results of PBT and vPvB assessment
- · PBT: Not applicable.
- · vPvB: Not applicable.

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: 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	10-<12.5%
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: 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	5-<10%
		(Contd. on page 3)

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CAS: 108-65-6	2-methoxy-1-methylethyl acetate	5-<10%
EINECS: 203-603-9 Index number: 607-195-00-7	🚸 Flam. Liq. 3, H226	
Reg.nr.: 01-2119475791-29		
CAS: 7429-90-5	aluminium powder (stabilised)	<2.5%
EINECS: 231-072-3 Index number: 013-002-00-1 Reg.nr.: 01-2119529243-45	𝔅 Flam. Sol. 1, H228; Water-react. 2, H261	
CAS: 1330-20-7 EINECS: 215-535-7 Index number: 601-022-00-9 Reg.nr.: 01-2119488216-32-xxxx	H315; Eye Irrit. 2, H319; STOT SE 3, H335	<2.5%
CAS: 9004-70-0	Aquatic Chronic 3, H412 cellulose nitrate I flam. Sol. 1, H228	<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: 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.
- \cdot 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 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.

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See Section 13 for disposal information.

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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.

· 8.1 Control parameters

· Ingredi	ients with limit values that require monitoring at the workplace:
67-64-1	acetone
WEL S	hort-term value: 3620 mg/m³, 1500 ppm
L	ong-term value: 1210 mg/m ³ , 500 ppm
106-97	-8 butane
	hort-term value: 1810 mg/m³, 750 ppm
	ong-term value: 1450 mg/m ³ , 600 ppm
C	Carc (if more than 0.1% of buta-1.3-diene)
	-4 n-butyl acetate
	hort-term value: 966 mg/m³, 200 ppm
L	ong-term value: 724 mg/m³, 150 ppm
108-65	-6 2-methoxy-1-methylethyl acetate
WEL S	hort-term value: 548 mg/m³, 100 ppm
L	ong-term value: 274 mg/m ³ , 50 ppm
S	k
7429-9	0-5 aluminium powder (stabilised)
WEL L	ong-term value: 10* 4** mg/m ³
*	inhalable dust ** respirable dust
	0-7 xylene
WEL S	hort-term value: 441 mg/m³, 100 ppm
	ong-term value: 220 mg/m ³ , 50 ppm
S	k; BMGV
· Ingredi	ents with biological limit values:
1330-2	0-7 xylene
BMGV	650 mmol/mol creatinine
	Medium: urine
	Sampling time: post shift
	Parameter: methyl hippuric acid
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(Contd. of page 4) · Additional information: The lists valid during the making were used as basis. · 8.2 Exposure controls · Personal protective equipment: · General protective and hygienic measures: Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing Wash hands before breaks and at the end of work. Do not inhale gases / fumes / aerosols. Avoid contact with the eyes and skin. Avoid contact with the eyes. · Respiratory 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. · Protection of hands: Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. 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 Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. · Material of gloves 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 Butyl rubber gloves with a thickness of 0.4 mm are resistant to: Acetone: 480 min Butyl acetate: 60 min Ethyl acetate: 170 min Xylene: 42 min The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed. · Eye protection: Tightly sealed goggles **SECTION 9: Physical and chemical properties** · 9.1 Information on basic physical and chemical properties · General Information · Appearance: Form: Aerosol Silver-coloured Colour: · 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.

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Flash point:	<0 °C (<32 °F)
	Not applicable, as aerosol.
Flammability (solid, gas):	Not applicable.
Ignition temperature:	365 °C (689 °F)
Decomposition temperature:	Not determined.
Explosive properties:	Product is not explosive. However, formation of explosive air/ vapour mixtures are possible.
Explosion limits:	
Lower:	1.7 Vol %
Upper:	13 Vol %
Vapour pressure at 20 $^{\circ}C$ (68 $^{\circ}F$):	3500 hPa (2625.2 mm Hg)
Density at 20 °C (68 °F):	0.73 g/cm ³ (6.09 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:	94.0 %
Water:	0.2 %
VOC (EC)	
	687.7 g/l
VOC-EU%	93.97 %
Solids content:	1.6 %
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.
- \cdot 10.5 Incompatible materials: No further relevant information available.

 \cdot 10.6 Hazardous decomposition products: No dangerous decomposition products known.

SECTION 11: Toxicological information

· 11.1 Information on toxicological effects

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

\cdot LD/LC50 values relevant for classification:

67-64-1 acetone

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Oral	LD50	5800 mg/kg (rat)
Dermal	LD50	>15800 mg/kg (rabbit)

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Inhalative	LC50 / 4h	76 mg/l (rat)
123-86-4 n	-butyl aceta	ite
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)
1330-20-7	xylene	
Oral	LD50	3523 mg/kg (rat)
Dermal	LD50	2000 mg/kg (rabbit)
Inhalative	LC50 / 4 h	29000 mg/m3 (rat)

· Primary irritant effect:

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

 \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)

• 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.

• Aspiration hazard Based on available data, the classification criteria are not met.

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))

108-65-6 2-methoxy-1-methylethyl acetate

EC50/48 h >500 mg/l (daphnia magna)

LC50/96 h 100-180 mg/l (oncorhynchus mykiss / Regenbogenforelle)

1330-20-7 xylene

EC50 / 48 h 7.4 mg/l (daphnia magna)

LC50/96 h 13.5 mg/l (fish)

· 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.

• 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.

· 12.5 Results of PBT and vPvB assessment

• **PBT:** Not applicable.

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· vPvB: Not applicable.

· 12.6 Other adverse effects 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	
ADR	1950 AEROSOLS
IMDG IATA	AEROSOLS AEROSOLS, flammable
	AEKOSOLS, jiummuole
14.3 Transport hazard class(es)	
ADR	
Class	2 5F Gases.
Label	2.1
Class	2.1
Label	2.1
14.4 Packing group	
ADR, IMDĞ, IATÂ	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 litre
	Category A. For AEROSOLS with a capacity above 1 litre. Category B. For WASTE AEROSOLS: Category C, Clear

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Segregation Code	of living quarters. 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 A	
Marpol and the IBC Code	Not applicable.
Transport/Additional information:	
ADR	
Limited quantities (LQ)	1L
Excepted quantities (EQ)	Code: E0
	Not permitted as Excepted Quantity
	Code: E0
	Not permitted as Excepted Quantity
Transport category	2
Tunnel restriction code	D
IMDG	
Limited quantities (LQ)	lL
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

· 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
- \cdot 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.

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Ì	H261 In contact with water releases flammable gases.
j	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.
1	H332 Harmful if inhaled.
1	H335 May cause respiratory irritation.
	H336 May cause drowsiness or dizziness.
	H373 May cause damage to organs through prolonged or repeated exposure.
1	H412 Harmful to aquatic life with long lasting effects.
j	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
2	ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International
(Carriage of Dangerous Goods by Road)
Ì	MDG: International Maritime Code for Dangerous Goods
Ì	ATA: 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
	PVB: 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. Lig. 2: Flammable liquids – Category 2
į	Flam. Liq. 3: Flammable liquids – Category 3
	Flam. Sol. 1: Flammable solids – Category 1
	Water-react. 2: Substances and mixtures which in contact with water emit flammable gases – Category 2
	Acute Tox. 4: Acute toxicity – Category 4
	Skin Irrit. 2: Skin corrosion/irritation – Category 2
	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 Asp. Tox. 1: Aspiration hazard – Category 1
	Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3
•	* Data compared to the previous version altered.
-	