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## Safety data sheet

according to 1907/2006/EC, Article 31
Printing date 20.08.2019
Version number 72
Revision: 08.07.2019

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

## - 1.1 Product identifier

- Trade name: ProMATIC® SILVER WHEELS 500 ML
- Article number: WS500
- 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
- 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) 1634823900 (08.00 / 17.00)
UK: NPIS National Poisons Information Centre Tel: +44 03448920111

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## Trade name: ProMATIC® SILVER WHEELS 500 ML

## - 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.
$P 410+P 412$ Protect from sunlight. Do not expose to temperatures exceeding $50^{\circ} \mathrm{C} / 122{ }^{\circ} \mathrm{F}$.
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: |  |  |
| :---: | :---: | :---: |
| CAS: 67-64-1 <br> EINECS: 200-662-2 <br> Index number: 606-001-00-8 <br> Reg.nr.: 01-2119471330-49 | acetone <br> Flam. Liq. 2, H225 <br> Eye Irrit. 2, H319; STOT SE 3, H336 | 25-<50\% |
| CAS: 74-98-6 <br> EINECS: 200-827-9 <br> Index number: 601-003-00-5 <br> Reg.nr.: 01-2119486944-21 | $\begin{aligned} & \text { propane } \\ & \text { A/ Flam. Gas 1, H220 } \\ & \text { Press. Gas (Comp.), H280 } \end{aligned}$ | 10-<12.5\% |
| CAS: 106-97-8 <br> EINECS: 203-448-7 <br> Index number: 601-004-00-0 <br> Reg.nr.: 01-2119474691-32 | butane <br> Flam. Gas 1, H220 <br> Press. Gas (Comp.), H280 | 5-<10\% |
| CAS: 75-28-5 <br> EINECS: 200-857-2 <br> Index number: 601-004-00-0 <br> Reg.nr.: 01-2119485395-27 | isobutane <br> Fīam. Gas 1, H220 <br> Press. Gas (Comp.), H280 | 5-<10\% |
| CAS: 123-86-4 <br> EINECS: 204-658-1 <br> Index number: 607-025-00-1 <br> Reg.nr.: 01-2119485493-29 | n-butyl acetate <br> Flam. Liq. 3, H226 <br> STOT SE 3, H336 | 5-<10\% |
| (Contd. on page 3) |  |  |

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| (Contd. of page 2 ) |  |  |
| :---: | :---: | :---: |
| CAS: 108-65-6 | 2-methoxy-1-methylethyl acetate <br> F̄̄am. Liq. 3, H22 2 | 5-<10\% |
| EINECS: 203-603-9 |  |  |
| Index number: 607-195-00-7 <br> Reg.nr: 01-2119475791-29 |  |  |
| CAS: 7429-90-5 | aluminium powder (stabilised) | <2.5\% |
| EINECS: 231-072-3 | . Flam. Sol. 1, H228; Water-react. 2, H261 |  |
| Index number: 013-002-00-1 |  |  |
| Reg.nr.: 01-2119529243-45 |  |  |
| CAS: 1330-20-7 | xylene | <2.5\% |
| EINECS: 215-535-7 | FIam. Liq. 3, H226 <br> STOT RE 2, H373; Asp. Tox. 1, H304 <br> (1) Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, <br> H315; Eye Irrit. 2, H319; STOT SE 3, H335 <br> Aquatic Chronic 3, H412 |  |
| Index number: 601-022-00-9 |  |  |
| Reg.nr.: 01-2119488216-32-хххх |  |  |
| CAS: 9004-70-0 | cellulose nitrate | <2.5\% |
|  | (-) F̄lam. Soll 1, H228 |  |
| - Additional information: <br> 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.
- 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

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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 according to 1907/2006/EC, Article 31See 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 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
- Ingredients with limit values that require monitoring at the workplace:

67-64-1 acetone
WEL Short-term value: $3620 \mathrm{mg} / \mathrm{m}^{3}$, 1500 ppm
Long-term value: $1210 \mathrm{mg} / \mathrm{m}^{3}, 500 \mathrm{ppm}$
106-97-8 butane
WEL Short-term value: $1810 \mathrm{mg} / \mathrm{m}^{3}, 750 \mathrm{ppm}$ Long-term value: $1450 \mathrm{mg} / \mathrm{m}^{3}, 600 \mathrm{ppm}$ Carc (if more than $0.1 \%$ of buta-1.3-diene)

## 123-86-4 n-butyl acetate

WEL Short-term value: $966 \mathrm{mg} / \mathrm{m}^{3}, 200 \mathrm{ppm}$
Long-term value: $724 \mathrm{mg} / \mathrm{m}^{3}, 150 \mathrm{ppm}$
108-65-6 2-methoxy-1-methylethyl acetate
WEL Short-term value: $548 \mathrm{mg} / \mathrm{m}^{3}, 100 \mathrm{ppm}$
Long-term value: $274 \mathrm{mg} / \mathrm{m}^{3}$, 50 ppm
Sk
7429-90-5 aluminium powder (stabilised)
WEL Long-term value: 10 * 4** $\mathrm{mg} / \mathrm{m}^{3}$
*inhalable dust ** respirable dust
1330-20-7 xylene
WEL Short-term value: $441 \mathrm{mg} / \mathrm{m}^{3}$, 100 ppm
Long-term value: $220 \mathrm{mg} / \mathrm{m}^{3}$, 50 ppm
Sk; BMGV

- Ingredients with biological limit values:

1330-20-7 xylene
BMGV $650 \mathrm{mmol} / \mathrm{mol}$ creatinine
Medium: urine
Sampling time: post shift
Parameter: methyl hippuric acid

- Additional information: The lists valid during the making were used as basis.


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### 8.2 Exposure controls

## - Personal protective equipment:

General protective and hygienic measures:
Use suitable respiratory protective device in case of insufficient ventilation.
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:


Filter ABEK

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:
In case of contact with spray dust protective gloves made of butyl shoud be used (min. 0.4 mm thick), e.g.
KCL Camatril, article no. 898 or similar products
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
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 <br> - General Information <br> - Appearance: |
| - $\mathbf{H H}$-value: Not determined. |
| - Change in condition <br> Melting point/freezing point: Undetermined. <br> Initial boiling point and boiling range: Not applicable, as aerosol. |

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| :---: | :---: | :---: |
| - Flash point: | Not applicable, as aerosol. |  |
| - Flammability (solid, gas): | Not applicable. |  |
| - Ignition temperature: | $365{ }^{\circ} \mathrm{C}\left(689{ }^{\circ} \mathrm{F}\right)$ |  |
| - Decomposition temperature: | Not determined. |  |
| - Explosive properties: | Not determined. |  |
| Explosion limits: Lower: Upper: | $\begin{aligned} & \text { 1.7 Vol \% } \\ & \text { 13 Vol \% } \end{aligned}$ |  |
| - Vapour pressure at $20^{\circ} \mathrm{C}\left(68{ }^{\circ} \mathrm{F}\right)$ : | 3500 hPa ( 2625.2 mm Hg ) |  |
| - Density at $20^{\circ} \mathrm{C}\left(68^{\circ} \mathrm{F}\right)$ : <br> - Relative density <br> - Vapour density <br> - Evaporation rate | $0.74 \mathrm{~g} / \mathrm{cm}^{3}$ ( $6.18 \mathrm{lbs} / \mathrm{gal}$ ) <br> Not determined. <br> Not determined. <br> Not applicable. |  |
| Solubility in / Miscibility with water: | Not miscible or difficult to mix. |  |
| - Partition coefficient: n-octanol/water: | Not determined. |  |
| Viscosity: Dynamic: Kinematic: | Not determined. Not determined. |  |
| - Solvent content: Organic solvents: Water: VOC (EC) - VOC-EU\% | $\begin{aligned} & 93.6 \% \\ & 0.2 \% \\ & --- \\ & 688.6 \mathrm{~g} / \mathrm{l} \\ & 93.58 \% \end{aligned}$ |  |
| Solids content: <br> - 9.2 Other information | $6.3 \text { \% }$ <br> 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.

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## SECTION 12: Ecological information

## - 12.1 Toxicity

| Aquatic toxicity: |  |
| :---: | :---: |
| 67-64-1 acetone |  |
| LC50/96h | $8300 \mathrm{mg} / \mathrm{l}$ (fish) |
| EC50/96h | $7200 \mathrm{mg} / \mathrm{l}$ (algae) |
| LC50 / 48 h | $8450 \mathrm{mg} / \mathrm{l}$ (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 | $13.5 \mathrm{mg} / \mathrm{l}$ (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.
- vPvB: Not applicable.


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- 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

0801 11* waste paint and varnish containing organic solvents or other hazardous substances
150104 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 $50^{\circ} \mathrm{C}$. Do not pierce or burn, even after use.
Do not spray on a naked flame or any incandescent material.

| SECTION 14: Transport information |  |
| :---: | :---: |
| 14.1 UN-Number <br> - ADR, IMDG, IATA | UN1950 |
| - 14.2 UN proper shipping name <br> - ADR <br> - IMDG <br> - IATA | 1950 AEROSOLS <br> AEROSOLS AEROSOLS, flammable |
| 14.3 Transport hazard class(es) <br> - ADR <br> - Class <br> - Label | 2 5F Gases. $2.1$ |
| - IMDG, IATA <br> - Class <br> - Label | $\begin{aligned} & 2.1 \\ & 2.1 \end{aligned}$ |
| 14.4 Packing group - ADR, IMDG, IATA | not regulated |
| - 14.5 Environmental hazards: | Not applicable. |
| 14.6 Special precautions for user Danger code (Kemler): EMS Number: | Warning: Gases. F-D,S-U |

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| :---: | :---: |
| Stowage Code <br> - Segregation Code | SW1 Protected from sources of heat. <br> 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. <br> 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. <br> For AEROSOLS with a capacity above 1 litre: <br> Segregation as for the appropriate subdivision of class 2. <br> For WASTE AEROSOLS: <br> Segregation as for the appropriate subdivision of class 2. |
| - 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code <br> Not applica |  |
| - Transport/Additional information: |  |
| - ADR <br> - Limited quantities (LQ) <br> - Excepted quantities (EQ) <br> - Transport category <br> - Tunnel restriction code | $1 L$ <br> Code: E0 <br> Not permitted as Excepted Quantity <br> Code: E0 <br> Not permitted as Excepted Quantity 2 <br> D |
| $\cdot$ IMDG  <br> $\cdot$ Limited quantities (LQ) $1 L$ <br> $\cdot$ Excepted quantities (EQ) Code: E0 <br>  Not permitted as Excepted Quantity <br>  Code: E0 <br>  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
- 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.

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## - Relevant phrases

H220 Extremely flammable gas.
H225 Highly flammable liquid and vapour.
H226 Flammable liquid and vapour.
H228 Flammable solid.
H261 In contact with water releases flammable gases.
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.
H373 May cause damage to organs through prolonged or repeated exposure.
H412 Harmful to aquatic life with long lasting effects.

- Department issuing SDS: R\&D legislation and regulatory advisor
- Contact: QHSE Department
- Abbreviations and acronyms:
$A D R$ : 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
${ }^{v} P v B$ : 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
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
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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    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 <br> - Labelling according to Regulation (EC) No 1272/2008 <br> The product is classified and labelled according to the CLP regulation.

[^1]:    * 


    ## 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 relevant for classification: |  |  |  |  |  |
    | :--- | :--- | :--- | :---: | :---: | :---: |
    | $\mathbf{6 7 - 6 4 - 1}$ acetone |  |  |  |  |  |
    | Oral | LD50 | $5800 \mathrm{mg} / \mathrm{kg}$ (rat) |  |  |  |
    | Dermal | LD50 | $>15800 \mathrm{mg} / \mathrm{kg}$ (rabbit) |  |  |  |
    | Inhalative | LC50 / 4h | $76 \mathrm{mg} / \mathrm{l}$ (rat) |  |  |  |

