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# Safety data sheet according to 1907/2006/EC, Article 31

Printing date 08.06.2022

Version number 2 (replaces version 1)

Revision: 30.03.2022

110 1	
1.1 Product identifier	
Trade name: <u>MOTIP</u>	MATT BLACK 500 ML
Article number: 0400 1.2 Relevant identifie No further relevant in Sector of Use	d uses of the substance or mixture and uses advised against
SU21 Consumer uses	s: Private households / general public / consumers ses: Public domain (administration, education, entertainment, services, craftsmen) nt remover
<b>Process category</b> PROC7 Industrial sp PROC11 Non indust	
Application of the sul	bstance / the mixture Spray varnish
	plier of the safety data sheet
Manufacturer/Suppli	
European Aerosols B. Wolfraamweg 2	<i>v.</i> **
NL-8471 XC Wolvega	
The Netherlands	
Tel : +31 (0)561 6944	
e-mail: sds-nl@europ	eun-aerosois.com
*Formerly known as M	Aotip Dupli B.V.
<b>1.4 Emergency teleph</b> +31 (0)561-694400 (6 UK: NPIS National Po	
SECTION 2: Haz	ards identification
	he substance or mixture ing to Regulation (EC) No 1272/2008
Aerosol 1 H222-H2	29 Extremely flammable aerosol. Pressurised container: May burst if heated.
$\mathbf{\nabla}$	
Eye Irrit. 2 H319	Causes serious eye irritation.
Eye Irrit. 2 H319 STOT SE 3 H336	Causes serious eye irritation. May cause drowsiness or dizziness.
•	
STOT SE 3 H336 2.2 Label elements	

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<b>TT 1</b> • <i>i</i>	(Contd. of pag
Hazard picto	ograms
	$\wedge$
<u> &lt; 🐨 &gt; &lt;</u>	
	$\mathbf{V}$
GHS02 C	GHS07
Signal word	Danger
	rmining components of labelling:
acetone	
<i>n-butyl aceta</i>	
	-methylethyl acetate
butan-1-ol	
Hazard state	
	Extremely flammable aerosol. Pressurised container: May burst if heated. Causes serious eye irritation.
	May cause drowsiness or dizziness.
	ry statements
P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P210	Keep out of reach of children. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No
1210	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.
P264	Wash hands thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves / eye protection.
	+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, ij
	present and easy to do. Continue rinsing.
P312	Call a POISON CENTER/doctor if you feel unwell.
<i>P337+P313</i>	If eye irritation persists: Get medical advice/attention.
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 in	
EUH066 Rep	peated exposure may cause skin dryness or cracking.
Buildup of e.	xplosive mixtures possible without sufficient ventilation.
EUH211 Wa	rning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or
mis	
2.3 Other ha	
	BT and vPvB assessment
PBT: Not ap	
vPvB: Not a	pplicable.

## SECTION 3: Composition/information on ingredients

· 3.2 Mixtures

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

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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 EUH066	25-<50%
CAS: 74-98-6 EINECS: 200-827-9 Index number: 601-003-00-5 Reg.nr.: 01-2119486944-21	propane Flam. Gas 1A, H220 Press. Gas (Comp.), H280	10-<12.5%
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 EUH066	10-<12.5%
CAS: 106-97-8 EINECS: 203-448-7 Index number: 601-004-00-0 Reg.nr.: 01-2119474691-32	butane (containing < 0,1 % butadiene (203-450-8)) 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 (containing < 0,1 % butadiene (203-450-8)) Flam. Gas IA, H220 Press. Gas (Comp.), H280	5-<10%
CAS: 13463-67-7 EINECS: 236-675-5 Index number: 022-006-00-2 Reg.nr.: 01-2119489379-17	titanium dioxide 🚸 Carc. 2, H351	2.5-<5%
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%
CAS: 9004-70-0	cellulose nitrate	<2.5%

• Additional information:

CAS 9004-70-0: GB CLP Note T

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.

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## **SECTION 5: Firefighting measures**

- · 5.1 Extinguishing media
- · Suitable extinguishing agents: Use fire extinguishing methods suitable to surrounding conditions.
- $\cdot$  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.*

### **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. 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 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 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

67-64-1 acetone

- WEL Short-term value: 3620 mg/m<sup>3</sup>, 1500 ppm
  - Long-term value: 1210 mg/m<sup>3</sup>, 500 ppm

### 123-86-4 n-butyl acetate

WEL Short-term value: 966 mg/m<sup>3</sup>, 200 ppm Long-term value: 724 mg/m<sup>3</sup>, 150 ppm

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<sup>· 8.1</sup> Control parameters

<sup>·</sup> Ingredients with limit values that require monitoring at the workplace:

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106-9	7-8 butane (containing < 0,1 % butadiene (203-450-8)) (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)
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
13463	8-67-7 titanium dioxide
WEL	Long-term value: 10* 4** mg/m <sup>3</sup>
	*total inhalable **respirable
71-36	-3 butan-1-ol
WEL	Short-term value: 154 mg/m³, 50 ppm
	Sk
Additi	ional information: The lists valid during the making were used as basis.
8.2 Ex	cposure controls
	priate engineering controls No further data; see item 7.
	dual protection measures, such as personal 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.
	t inhale gases / fumes / aerosols.
	contact with the eyes and skin.
	contact with the eyes.
Respi	ratory protection:
Filter	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
ſſĨ	
1115	Protective gloves
V	
Mater	ial of gloves
	rubber, BR
	election of the suitable gloves does not only depend on the material, but also on further marks of
	y and varies from manufacturer to manufacturer.
	ration time of glove material
	rubber gloves with a thickness of 0.4 mm are resistant to:
	one: 480 min Lacetate: 60 min
•	acetate: 170 min
	ne: 42 min
-	rubber gloves with a thickness of 0.4 mm are solvent resistant for 42- 480 minutes. As protective
	are, we recommend that users and responsible persons for work safety assume solvent resistance leng
	minutes. Considering the data in section 3 of this SDS, one can assume longer resistance length in
	ular cases. (Contd. on page

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· Eye/face protection



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Tightly sealed goggles

## SECTION 9: Physical and chemical properties

SECTION 9: Physical and chemical prop	eriles
• 9.1 Information on basic physical and chemical p	properties
· General Information	*
· Physical state	Aerosol
· Colour:	Black
· 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:	1.2 Vol %(123-86-4 n-butyl acetate)
· Upper:	13 Vol % (67-64-1 acetone)
· Flash point:	Not applicable, as aerosol.
· Ignition temperature:	333 °C (631.4 °F) (108-65-6 2-methoxy-1-methylethyl
o	acetate)
· 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)	Not determined.
• Vapour pressure at 20 °C (68 °F):	3500 hPa (2625.2 mm Hg)
• Density and/or relative density	
• Density at 20 °C (68 °F):	0.8 g/cm <sup>3</sup> (6.7 lbs/gal)
· Relative density	Not determined.
· Vapour density	Not determined.
• 9.2 Other information	
· Appearance: · Form:	Aerosol
· Important information on protection of health an	a
environment, and on safety.	Not determined.
• Explosive properties: • Solvent content:	
• Solvent content: • Organic solvents:	88.8 %
· Organic solvenis: · Water:	0.2 %
· water: · VOC (EC)	0.2 %
	 689.9 g/l
· VOC-EU%	88.75 %
· Solids content:	10.5 %
Change in condition	10.5 /0
• Change in condition • Evaporation rate	Not applicable.
•	
$\cdot$ Information with regard to physical hazard classe	
· 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

 $\cdot$  11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

• Acute	toxicity
---------	----------

· LD/LC50 values relevant 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	ite
Oral	LD50	10800 mg/kg (rat) (OECD 401)
Dermal	LD50	>17600 mg/kg (rabbit)
Inhalative	LC50 / 4 h	>21 mg/m3 (rat)
108-65-62	-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)
	1	(Contd. on page

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· Skin corrosion/irritation No irritant effect.

- Serious eye damage/irritation Causes serious eye irritation.
- Respiratory or skin sensitisation No sensitising effects known.
- STOT-single exposure May cause drowsiness or dizziness.
- $\cdot$  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))

## 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)

71-36-3 butan-1-ol

### LC50 / 96 h 1376 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.
- · 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.

## SECTION 14: Transport information

• 14.1 UN number or ID number • ADR, IMDG, IATA

UN1950

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14.2 UN proper shipping name	1050 4 50 001 5
ADR IMDG	1950 AEROSOLS AEROSOLS
IATA	AEROSOLS AEROSOLS, flammable
14.3 Transport hazard class(es)	ALKODOLD, Jummubic
ADR	
Class Label	2 5F Gases. 2.1
	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 Hazard identification number (Kemler code): EMS Number: Stowage Code	Warning: Gases. - F-D,S-U 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" cla. 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 Maritime transport in bulk according to IM instruments	<i>O</i> Not applicable.
Transport/Additional information:	
ADR Limited quantities (LQ) Excepted quantities (EQ)	1L Code: E0 Not permitted as Excepted Quantity
Transport category	Code: E0 Not permitted as Excepted Quantity 2

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)
itted as Excepted Quantity
)
itted as Excepted Quantity
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
- · 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

- H201 Explosive; mass explosion hazard.
- 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.
- 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.
- H351 Suspected of causing cancer.

EUH066 Repeated exposure may cause skin dryness or cracking.

· Department issuing SDS: R&D legislation and regulatory advisor

· Contact: e-mail: sds-nl@european-aerosols.com

• 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
- EINECS: European Inventory of Existing Commercial Chemical Substances

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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	
Expl. 1.1: Explosives – Division 1.1	
Flâm. Gas 1Â: 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	
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	
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	
* Data compared to the previous version altered.	
······································	(