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

Printing date 08.02.2021

Version number 59

Revision: 17.12.2019

GB -

I.I Prod	luct identifier
Trade n	ame: <u>MOTIP® ANTI GRAVEL OVERSPRAYABLE MEDIUM SOLID BLACK 500 ML</u>
1.2 Rele No furth Sector o SU21 SU22 Product Process PROC7 PROC1	number: 000001 vant identified uses of the substance or mixture and uses advised against er relevant information available. f Use Consumer uses: Private households / general public / consumers Professional uses: Public domain (administration, education, entertainment, services, craftsmen) category PC9a Coatings and paints, thinners, paint removers category Industrial spraying Non industrial spraying tion of the substance / the mixture Anticorrosion additive
Manufa MOTIP Wolfraa NL- 847 The Net Tel: +3 Fax: +3	tils of the supplier of the safety data sheet cturer/Supplier: DUPLI B.V. mweg 2 1 XC Wolvega herlands 1 (0)561 694400 1 (0)561 694411 msds@nl.motipdupli.com
1.4 Eme	information obtainable from: Department Product Safety rgency telephone number: 561-694400 (09:00h - 17:00h)
UK: NP	IS National Poisons Information Centre Tel: +44 0344 892 0111

· 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.

Eye Irrit. 2	H319	Causes serious eye irritation.
Skin Sens. 1	H317	May cause an allergic skin reaction.
STOT SE 3	H336	May cause drowsiness or dizziness.
Aquatic Chroni	c 3 H412	Harmful to aquatic life with long lasting effects.
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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: 74-98-6 12.5-<20% propane EINECS: 200-827-9 🚸 Flam. Gas 1A, H220 Index number: 601-003-00-5 Press. Gas (Comp.), H280 Reg.nr.: 01-2119486944-21 CAS: 123-86-4 12.5-<20% n-butyl acetate EINECS: 204-658-1 🔅 Flam. Liq. 3, H226 🚺 STOT SE 3, H336 Index number: 607-025-00-1 Reg.nr.: 01-2119485493-29 CAS: 106-97-8 butane 5-<10% EINECS: 203-448-7 🐵 Flam. Gas 1A, H220 Index number: 601-004-00-0 Press. Gas (Comp.), H280 Reg.nr.: 01-2119474691-32 (Contd. on page 3) Page 3/11

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a.a. 55.00.5		Contd. of page
CAS: 75-28-5 EINECS: 200-857-2 Index number: 601-004-00-0 Reg.nr.: 01-2119485395-27	isobutane Flam. Gas 1A, H220 Press. Gas (Comp.), H280	5-<10%
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	5-<10%
CAS: 141-78-6 EINECS: 205-500-4 Index number: 607-022-00-5 Reg.nr.: 01-2119475103-46	ethyl acetate Flam. Liq. 2, H225 Eye Irrit. 2, H319; STOT SE 3, H336	5-<10%
EC number: 920-750-0 Reg.nr.: 01-2119473851-33	Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics Flam. Liq. 2, H225 Asp. Tox. 1, H304 Aquatic Chronic 2, H411 STOT SE 3, H336	2.5-<5%
EC number: 918-668-5 Reg.nr.: 01-2119455851-35	Hydrocarbons, C9, aromatics Flam. Liq. 3, H226 Asp. Tox. 1, H304 Aquatic Chronic 2, H411 STOT SE 3, H335-H336	2.5-<5%
CAS: 8050-09-7 EINECS: 232-475-7 Index number: 650-015-00-7 Reg.nr.: 01-2119480418-32	Rosin Skin Sens. 1, H317	2.5-<5%
CAS: 1330-20-7 EINECS: 215-535-7 Index number: 601-022-00-9 Reg.nr.: 01-2119488216-32	xylene, mixture of isomers Flam. Liq. 3, H226 Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315	<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 and to be sure call for a doctor.

- In case of unconsciousness place patient stably in side position for transportation.
- · After skin contact: Immediately wash with water and soap and rinse thoroughly.
- · 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: 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 -

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· 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: Inform respective authorities in case of seepage into water course or sewage system. 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

- · 8.1 Control parameters
- · Additional information about design of technical facilities: No further data; see item 7.

• Ingredients with limit values that require monitoring at the workplace:

123-8	86-4 n-butyl acetate
WEL	Short-term value: 966 mg/m ³ , 200 ppm
	Long-term value: 724 mg/m ³ , 150 ppm
106-9	97-8 butane
WEL	Short-term value: 1810 mg/m³, 750 ppm
	Long-term value: 1450 mg/m ³ , 600 ppm
	Carc (if more than 0.1% of buta-1.3-diene)
67-6 4	1-1 acetone
WEL	Short-term value: 3620 mg/m³, 1500 ppm

Long-term value: 1210 mg/m³, 500 ppm

141-78-6 ethyl acetate

WEL Short-term value: 1468 mg/m³, 400 ppm Long-term value: 734 mg/m³, 200 ppm

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0050	(Contd. of page
	09-7 Rosin
WEL	Short-term value: 0.15 mg/m ³ Long-term value: 0.05 mg/m ³
	Sen
1220	
	20-7 xylene, mixture of isomers
WEL	Short-term value: 441 mg/m ³ , 100 ppm
	Long-term value: 220 mg/m ³ , 50 ppm
	Sk; BMGV
0	dients with biological limit values:
	20-7 xylene, mixture of isomers
BMG	V 650 mmol/mol creatinine
	Medium: urine
	Sampling time: post shift
	Parameter: methyl hippuric acid
Addit	ional information: The lists valid during the making were used as basis.
8.2 E	xposure controls
	nal protective equipment:
	ral protective and hygienic measures:
	away from foodstuffs, beverages and feed.
Imme	diately remove all soiled and contaminated clothing
Wash	hands before breaks and at the end of work.
	ot inhale gases / fumes / aerosols.
	contact with the eyes and skin.
	contact with the eyes.
Respi	ratory 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.
Filter	A2/P3
Prote	ction of hands:
1115	Protective gloves
Mate	rial of gloves
	rubber, BR
	election of the suitable gloves does not only depend on the material, but also on further marks of quality
	aries from manufacturer to manufacturer.
	tration time of glove material
	rubber gloves with a thickness of 0.4 mm are resistant to:
	one: 480 min
Buty	l acetate: 60 min
	l acetate: 170 min
	ne: 42 min
meast of 42	rubber gloves with a thickness of 0.4 mm are solvent resistant for 42-480 minutes. As protective ure, we recommend that users and responsible persons for work safety assume solvent resistance length minutes. Considering the data in section 3 of this SDS, one can assume longer resistance length in cular cases.
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(Contd. of page 5) · 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 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: Not applicable, as aerosol. · Flash point: Not applicable, as aerosol. · Flammability (solid, gas): Not applicable. · Ignition temperature: 365 °C (689 °F) · Decomposition temperature: Not determined. · Explosive properties: Not determined. · Explosion limits: Lower: 1.2 Vol % Upper: 10.9 Vol % · Vapour pressure at 20 $\bullet C$ (68 $\bullet F$): 3500 hPa (2625.2 mm Hg) • Density at 20 •C (68 •F): 0.8 g/cm³ (6.7 lbs/gal) · Relative density Not determined. Not determined. · Vapour density · Evaporation rate Not applicable. · Solubility in / Miscibility with Not miscible or difficult to mix. water: · Partition coefficient: n-octanol/water: Not determined. · Viscosity: Not determined. Dvnamic: Kinematic: Not determined. · Solvent content: 69.2 % Organic solvents: VOC (EC) 579.1 g/l · VOC-EU% 69.18 % · Solids content: 30.8 % 9.2 Other information No further relevant information available.

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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.

 \cdot 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 toxicological effects

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

· LD/LC50	values relev	ant for classification:
123-86-4 n	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)
67-64-1 ac	etone	
Oral	LD50	5800 mg/kg (rat)
Dermal	LD50	>15800 mg/kg (rabbit)
Inhalative	LC50/4h	76 mg/l (rat)
141-78-6 е	thyl acetate	
Oral	LD50	>18000 mg/kg (rab)
Dermal	LD50	5620 mg/kg (rat)
Inhalative	LC50/4 h	1600 mg/m3 (rat)
1330-20-7	xylene, mix	ture of isomers
Oral	LD50	3523 mg/kg (rat)
Dermal	LD50	2000 mg/kg (rabbit)
Inhalative	LC50/4 h	29000 mg/m3 (rat)
Skin corro Serious ey Causes ser Respirator May cause Additional CMR effec Germ cell Carcinoge Reproduct STOT-sing May cause	e damage/ir ious eye irr y or skin se an allergic toxicologic ts (carcinog mutagenicit nicity Based ive toxicity gle exposure drowsiness eated exposu	on Based on available data, the classification criteria are not met. ritation itation. nsitisation skin reaction. al information: genity, mutagenicity and toxicity for reproduction) ty Based on available data, the classification criteria are not met. l on available data, the classification criteria are not met. Based on available data, the classification criteria are not met.

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12.1 Toxici		
Aquatic tox	city:	
67-64-1 ac	tone	
LC50/96h	8300 mg/l (fish)	
EC50/96h	7200 mg/l (algae)	
LC50/481	8450 mg/l (crustacean (water flea))	
1330-20-7	ylene, mixture of isomers	
EC50/48	7.4 mg/l (daphnia magna)	
LC50/961	13.5 mg/l(fish)	
12.3 Bioace 12.4 Mobil Ecotoxical Remark: H	ence and degradability No further relevant information available. umulative potential No further relevant information available. by in soil No further relevant information available. iffects: urmful to fish	
12.3 Bioacc 12.4 Mobil Ecotoxical Remark: H Additional General no Water haza Do not allo Danger to a Harmful to	ence and degradability No further relevant information available. umulative potential No further relevant information available. ty in soil No further relevant information available. iffects: urmful to fish cological information: es: d class 2 (German Regulation) (Self-assessment): hazardous for water v product to reach ground water, water course or sewage system. rinking water if even small quantities leak into the ground. iquatic organisms of PBT and vPvB assessment pplicable.	

· 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:

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

SECTION 14: Transport inf		
· 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	
Class	2 5F Gases.
Label	2.1
IMDG, IATA	
2	
~	
Class Label	2.1 2.1
	2.1
14.4 Packing group ADR, IMDG, IATA	not non-lated
	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.
Stowage Coul	SW22 For AEROSOLS with a maximum capacity of 1 litr
	Category A. For AEROSOLS with a capacity above 1 litr
	Category B. For WASTE AEROSOLS: Category C, Clean
	of living quarters.
Segregation Code	SG69 For AEROSOLS with a maximum capacity of 1 litr
	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 Annex II o	f
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
Transport category	Not permitted as Excepted Quantity 2
Tunnel restriction code	2 D
IMDG	
Limited quantities (LQ)	1L
Excepted quantities (EQ)	Code: E0
· · · ·	Not permitted as Excepted Quantity
	<i>Code: E0</i> <i>Not permitted as Excepted Quantity</i>

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· 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
- · 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. 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. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H332 Harmful if inhaled. H335 May cause respiratory irritation. H336 May cause drowsiness or dizziness. H411 Toxic to aquatic life with long lasting effects. · Department issuing SDS: R&D legislation and regulatory advisor · Contact: msds@nl.motipdupli.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 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 1A: Flammable gases - Category 1A Aerosol 1: Aerosols – Category 1 Press. Gas (Comp.): Gases under pressure - Compressed gas

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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 Irrit. 2: Serious eye damage/eye irritation – Category 2 Skin Sens. 1: Skin sensitisation – Category 1 STOT SE 3: Specific target organ toxicity (single exposure) – Category 3 Asp. Tox. 1: Aspiration hazard – Category 1 Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2 Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3 • * Data compared to the previous version altered.