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

Printing date 09.06.2022

Version number 2 (replaces version 1)

Revision: 30.03.2022

11 Prod	uct identifier
	me: MOTIP HEAT RESISTANT CLEAR VARNISH 400 ML
	umber: 04033
	ant identified uses of the substance or mixture and uses advised against
	r relevant information available.
Sector of	
•	onsumer uses: Private households / general public / consumers
	rofessional uses: Public domain (administration, education, entertainment, services, craftsmen)
	category Paint remover
Process of	
	Industrial spraying
	Non industrial spraying on of the substance / the mixture Paint
	ls of the supplier of the safety data sheet turer/Supplier:
	a Aerosols B.V.*
Wolfraan	
	XC Wolvega
The Neth	
	(0)561 694400
e-mail: se	ds-nl@european-aerosols.com
*Former	y known as Motip Dupli B.V.
Further i	nformation obtainable from: Department Product Safety
	gency telephone number:
+31(0)50	51-694400 (09:00h - 17:00h)
UK: NPL	S National Poisons Information Centre Tel: +44 0344 892 0111
SECTI	ON 2: Hazards identification
	ification of the substance or mixture
	ution according to Regulation (EC) No 1272/2008
〈��〉	flame
$\mathbf{\nabla}$	
Aerosol I	H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.
	· · · · · · · · · · · · · · · · · · ·
F	corrosion
マシ	2011031014
Fya Dam	. 1 H318 Causes serious eye damage.
	1 11510 Causes serious eye aanage.
$\langle \rangle$	•
\mathbf{V}	
STOT SE	3 H336 May cause drowsiness or dizziness. (Contd. on page

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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	12.5-<20%
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	10-<12.5%
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 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: 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	5-<10%
CAS: 71-36-3 EINECS: 200-751-6 Index number: 603-004-00-6 Reg.nr.: 01-2119484630-38	butan-1-ol ▶ Flam. Liq. 3, H226 ♦ Eye Dam. 1, H318 ♦ Acute Tox. 4, H302; Skin Irrit. 2, H315; STOT SE 3, H335-H336 	2.5-<5%
EC number: 905-588-0 Reg.nr.: 01-2119488216-32-xxxx	xylene Flam. Liq. 3, H226 STOT RE 2, H373; Asp. Tox. 1, H304 Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	<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:

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- Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor. Rinse opened eye for several minutes under running water. Then 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.
- · 5.2 Special hazards arising from the substance or mixture
- During heating or in case of fire poisonous gases are produced.
- \cdot 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 Ensure adequate ventilation 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: Use neutralising agent. 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

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

67-64-1 acetone

WEL Short-term value: 3620 mg/m³, 1500 ppm

Long-term value: 1210 mg/m³, 500 ppm

106-97-8 butane (containing < 0,1 % butadiene (203-450-8))

WEL Short-term value: 1810 mg/m³, 750 ppm Long-term value: 1450 mg/m³, 600 ppm Carc (if more than 0.1% of buta-1.3-diene)

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100	(Contd. of page
	5-6 2-methoxy-1-methylethyl acetate
WEL	Short-term value: 548 mg/m ³ , 100 ppm
	Long-term value: 274 mg/m ³ , 50 ppm
	Sk
	6-4 n-butyl acetate
WEL	Short-term value: 966 mg/m³, 200 ppm
	Long-term value: 724 mg/m³, 150 ppm
71-36	-3 butan-1-ol
WEL	Short-term value: 154 mg/m ³ , 50 ppm
	Sk
xylen	e
-	Short-term value: 441 mg/m ³ , 100 ppm
"LL	Long-term value: 220 mg/m ³ , 50 ppm
	Sk; BMGV
Ingre	dients with biological limit values:
xylen	
•	V 650 mmol/mol creatinine
DMO	Medium: urine
	Sampling time: post shift
	Parameter: methyl hippuric acid
4 7 7 .	ional information: The lists valid during the making were used as basis.
Avoic Avoic	ot inhale gases / fumes / aerosols. I contact with the eyes and skin. I contact with the eyes. Fratory 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.
	A2/P3
UN P	protection
	Protective gloves
•	Protective gloves
The	Protective gloves rial of gloves rubber, BR
	Protective gloves rial of gloves rubber, BR election of the suitable gloves does not only depend on the material, but also on further marks of
quali	Protective gloves rial of gloves rubber, BR election of the suitable gloves does not only depend on the material, but also on further marks of ty and varies from manufacturer to manufacturer.
quali Pene t	Protective gloves rial of gloves rubber, BR election of the suitable gloves does not only depend on the material, but also on further marks of ty and varies from manufacturer to manufacturer. tration time of glove material
quali Pene Butyl	Protective gloves rial of gloves rubber, BR election of the suitable gloves does not only depend on the material, but also on further marks of ty and varies from manufacturer to manufacturer. tration time of glove material rubber gloves with a thickness of 0.4 mm are resistant to:
qualit Pene Butyl Acet	Protective gloves rial of gloves rubber, BR election of the suitable gloves does not only depend on the material, but also on further marks of ty and varies from manufacturer to manufacturer. tration time of glove material rubber gloves with a thickness of 0.4 mm are resistant to: one: 480 min
qualit Pener Butyl Acet Buty	Protective gloves rial of gloves rubber, BR election of the suitable gloves does not only depend on the material, but also on further marks of ty and varies from manufacturer to manufacturer. tration time of glove material rubber gloves with a thickness of 0.4 mm are resistant to: one: 480 min acetate: 60 min
qualit Pener Butyl Acett Buty Ethy	Protective gloves rial of gloves rubber, BR election of the suitable gloves does not only depend on the material, but also on further marks of ty and varies from manufacturer to manufacturer. tration time of glove material rubber gloves with a thickness of 0.4 mm are resistant to: one: 480 min

Butyl rubber gloves with a thickness of 0.4 mm are solvent resistant for 42- 480 minutes. As protective measure, we recommend that users and responsible persons for work safety assume solvent resistance length (Contd. on page 6)

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(Contd. of page 5) of 42 minutes. Considering the data in section 3 of this SDS, one can assume longer resistance length in particular cases.

· Eye/face protection



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Tightly sealed goggles

SECTION 9: Physical and chemical properties

• 9.1 Information on basic physical and chemical p	roperties
• General Information	
· Physical state	Aerosol
· Colour:	Colourless
· 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:	1.5 Vol %(106-97-8 butane (containing < 0,1 %
	butadiene (203-450-8)))
· Upper:	13 Vol % (67-64-1 acetone)
· Flash point:	Not applicable, as aerosol.
· Ignition temperature:	<i>333</i> ° <i>C</i> (<i>631.4</i> ° <i>F</i>) (<i>108-65-6 2-methoxy-1-methylethyl</i>
с .	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):	$0.7 \ g/cm^3 (5.8 \ lbs/gal)$
· Relative density	Not determined.
· Vapour density	Not determined.
· 9.2 Other information	
· Appearance:	
· Form:	Aerosol
• Important information on protection of health and environment, and on safety.	1
• Explosive properties:	Not determined.
· Solvent content:	
· Organic solvents:	96.0 %
\cdot VOC (EC)	
	714.2 g/l
· VOC-EU%	96.03 %
· Solids content:	4.0 %
· Change in condition	
· Evaporation rate	Not applicable.
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· Information with regard to physical hazard of	classes
· Explosives	Void
· 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.
- 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 hazard classes as defined in Regulation (EC) No 1272/2008

· Acute toxicity

67-64-1 a	cetone	
Oral	LD50	5800 mg/kg (rat)
Dermal	LD50	>15800 mg/kg (rabbit)
Inhalative	LC50 / 4h	76 mg/l (rat)
108-65-62	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)
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)
71-36-3 bi	utan-1-ol	
Oral	LD50	2292 mg/kg (rat)

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Dermal	LD50	3430 mg/kg (rabbit)
Inhalative	LC50 / 4 h	17000 mg/m3 (rat)
xylene		
Oral	LD50	3523 mg/kg (rat)
Dermal	LD50	2000 mg/kg (rabbit)
Inhalative	LC50 / 4 h	29000 mg/m3 (rat)
· Skin corro	sion/irritati	on No irritant effect.
· Serious ey	e damage/ir	ritation Causes serious eye damage.

• **Respiratory or skin sensitisation** No sensitising effects known.

• **STOT-single exposure** May cause drowsiness or dizziness.

• 11.2 Information on other hazards

· Endocrine disrupting properties

None of the ingredients is listed.

SECTION 12: Ecological information

· 12.1 Toxicity

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· 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)

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.
- · 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.

Must not reach sewage water or drainage ditch undiluted or unneutralised.

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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:

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

14.1 UN number or ID number	
ADR, IMDG, IATA	UN1950
14.2 UN proper shipping name	
ADR	1950 AEROSOLS
IMDG	AEROSOLS
IATA	AEROSOLS, flammable
14.3 Transport hazard class(es)	
ADR	
2	
Class	2 5F Gases.
Label	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):	Warning: Gases.
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 of living quarters.
Segregation Code	SG69 For AEROSOLS with a maximum capacity of 1
	litre:
	Segregation as for class 9. Stow "separated from" clas
	<i>1 except for division 1.4.</i>
	<i>For AEROSOLS with a capacity above 1 litre:</i>
	Segregation as for the appropriate subdivision of class
	2.
	For WASTE AEROSOLS:

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	Segregation as for the appropriate subdivision of class 2.
• 14.7 Maritime transport in bulk according	to IMO
instruments	Not applicable.
· Transport/Additional information:	
ADR	
Limited quantities (LQ)	1L
\cdot Excepted quantities (\widetilde{EQ})	Code: E0
• • • • •	Not permitted as Excepted Quantity
· Transport category	2
Tunnel restriction code	D
· IMDG	
Limited quantities (LQ)	1L
Excepted quantities (\widetilde{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
- \cdot 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.
- H302 Harmful if swallowed.
- H304 May be fatal if swallowed and enters airways.
- H312 Harmful in contact with skin.
- H315 Causes skin irritation.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H332 Harmful if inhaled.
- H335 May cause respiratory irritation.

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H336	(Contd. of page) May cause drowsiness or dizziness.
	May cause damage to organs through prolonged or repeated exposure.
EUH066	Repeated exposure may cause skin dryness or cracking.
Departm	ent issuing SDS: R&D legislation and regulatory advisor
Contact:	e-mail: sds-nl@european-aerosols.com
	tions and acronyms:
	ment international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the
	al Transport of Dangerous Goods by Rail)
	rnational Civil Aviation Organisation
	rd relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the
	al Carriage of Dangerous Goods by Road)
	ernational Maritime Code for Dangerous Goods
	national Air Transport Association
	ally Harmonised System of Classification and Labelling of Chemicals
	uropean Inventory of Existing Commercial Chemical Substances
	uropean List of Notified Chemical Substances
	nical Abstracts Service (division of the American Chemical Society)
VOC: Vola	tile Organic Compounds (USA, EU)
LC50: Leth	al concentration, 50 percent
LD50: Leth	al dose, 50 percent
PBT: Persi	stent, Bioaccumulative and Toxic
SVHC: Sub	nstances of Very High Concern
vPvB: very	Persistent and very Bioaccumulative
Flam. Gas	1A: Flammable gases – Category 1A
	Aerosols – Category 1
	(Comp.): Gases under pressure – Compressed gas
	2: Flammable liquids – Category 2
	3: Flammable liquids – Category 3
	4: Acute toxicity – Category 4
	Skin corrosion/irritation – Category 2
	: Serious eye damage/eye irritation – Category 1
	: Serious eye damage/eye irritation – Category 2
	: Specific target organ toxicity (single exposure) – Category 3
	: Specific target organ toxicity (repeated exposure) – Category 2
·	: Aspiration hazard – Category 1
* Data c	ompared to the previous version altered.