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#### THE PERFECT FINISH

# Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 18.04.2024 Version number 98 (replaces version 97) Revision: 25.01.2024

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

- · 1.1 Product identifier
- · Trade name: PLASTI-KOTE BRILLIANT METALLIC SILVER 6UC 400 ML
- · Article number: 440161
- · 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 Paint remover
- · Process category

PROC7 Industrial spraying

PROC11 Non industrial spraying

- · Application of the substance / the mixture Paint
- · 1.3 Details of the supplier of the safety data sheet
- · Manufacturer/Supplier:

European Aerosols B.V.

Wolfraamweg 2

NL-8471 XC Wolvega

The Netherlands

Tel: +31 (0)561 694400

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

- · Further information obtainable from: Department Product Safety
- · 1.4 Emergency telephone number:

+31 (0)561-694400 (09:00h - 17:00h)

UK: NPIS National Poisons Information Centre Tel: +44 0344 892 0111

IRL: Beaumont Hospital - National Poisons Information Centre: Tel: +353 1 8092566

## 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 H335-H336 May cause respiratory irritation. May cause drowsiness or dizziness.

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

- · 2.2 Label elements
- · Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the GB CLP regulation.

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#### · Hazard pictograms





GHS02

#### · Signal word Danger

#### · Hazard-determining components of labelling:

Hydrocarbons, C9, aromatics

xylene

acetone

#### · Hazard statements

H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.

H319 Causes serious eye irritation.

H335-H336 May cause respiratory irritation. May cause drowsiness or dizziness.

Harmful to aquatic life with long lasting effects.

#### · 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.

Dispose of contents / container in accordance with regional regulations.

### · Additional information:

EUH066 Repeated exposure may cause skin dryness or cracking.

Buildup of explosive mixtures possible without sufficient ventilation.

#### · 2.3 Other hazards

- · Results of PBT and vPvB assessment
- · **PBT**: Not applicable.
- · vPvB: Not applicable.

## SECTION 3: Composition/information on ingredients

- · 3.2 Mixtures
- · Description: Mixture of substances listed below with nonhazardous additions.

CAS: 74-98-6  EINECS: 200-827-9  Index number: 601-003-00-5  Reg.nr.: 01-2119486944-21  CAS: 106-97-8  EINECS: 203-448-7  propane  propane  Flam. Gas 1A, H220  Press. Gas (Comp.), H280  butane (containing < 0,1 % butadiene (203-450-450)  Flam. Gas 1A, H220		
EINECS: 203-448-7 <b>(*)</b> Flam. Gas 1A, H220		20-<25%
Index number: 601-004-00-0 Press. Gas (Comp.), H280 Reg.nr.: 01-2119474691-32	3)))	12.5-<20%

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CAS: 75 29 5	:	(Contd. of page 2
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	12.5-<20%
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 EUH066	_ 10-<12.5%
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	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  EUH066	5-<10%
CAS: 100-41-4 EINECS: 202-849-4 Index number: 601-023-00-4 Reg.nr.: 01-2119489370-35	ethylbenzene  Flam. Liq. 2, H225  STOT RE 2, H373; Asp. Tox. 1, H304  Acute Tox. 4, H332  Aquatic Chronic 3, H412	<2.5%
CAS: 7429-90-5 EINECS: 231-072-3 Index number: 013-002-00-1 Reg.nr.: 01-2119529243-45	aluminium powder (stabilised)  Tlam. Sol. 1, H228; Water-react. 2, H261	<2.5%

#### · Additional information:

The content of Benzene (EINECS-Nr. 200-753-7) in the ingredients is less than 0,1% (Note P Annex 1A 1272/2008 EU), so the classification as carcinogen need not to apply. 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.
- $\cdot$  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 -

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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 section 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:

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)

xylen

WEL Short-term value: 441 mg/m³, 100 ppm

Long-term value: 220 mg/m³, 50 ppm

Sk; BMGV

67-64-1 acetone

WEL Short-term value: 3620 mg/m³, 1500 ppm Long-term value: 1210 mg/m³, 500 ppm

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100-41-4 е	thylben	zene	(Contd. of pa	
	-	alue: 552 mg/m³, 125 ppm		
Long	ong-term value: 441 mg/m³, 100 ppm			
Sk				
		ium powder (stabilised)		
		alue: 10* 4** mg/m³ lust ** respirable dust		
	aiabie a	usi *** respirable ausi		
DNELs	00			
		, aromatics		
Oral .		11 mg/kg /per day (Consumer, longterm systemic)		
Dermal		25 mg/kg /per day (Worker, longterm systemic)		
7 1 1 .:		11 mg/kg /per day (Consumer, longterm systemic)		
Innaiative		150 mg/m3 (Worker, longterm systemic)		
xylene	DNEL	32 mg/m3 (Consumer, longterm systemic)		
Oral	DNFI	1.6 mg/kg/per day (Consumer, longterm systemic)		
Orai Dermal		1.0 mg/kg/per day (Consumer, tongterm systemic)  180 mg/kg/per day (Worker, longterm systemic)		
		211 mg/m3 (Worker, longterm systemic)		
1.1.141411VC		221 mg/m3 (Worker, longterm systemic) 221 mg/m3 (Worker, longterm local)		
		442 mg/m3 (Worker, acute systemic)		
		289 mg/m3 (Worker, acute local)		
		14.8 mg/m3 (Consumer, longterm systemic)		
		260 mg/m3 (Consumer; acute systemic)		
		65.3 mg/m3 (Consumer, longterm local)		
		260 mg/m3 (Consumer, acute local)		
67-64-1 ac				
Oral	DNEL	62 mg/kg /per day (Consumer, longterm systemic)		
Dermal		62 mg/kg /per day (Consumer, longterm systemic)		
	DNEL	186 mg/kg /per day (Worker, longterm systemic)		
Inhalative		2420 mg/m3 (Worker, acute local)		
	DNEL	1210 mg/m3 (Worker, longterm systemic)		
	DNEL	200 mg/m3 (Consumer, longterm systemic)		
	DNEL	60 mg/m3		
PNECs				
67-64-1 ac	etone			
PNEC 10.	6 mg/l (	Freshwater)		
PNEC 1.0	6 mg/l (	Seawater)		
PNEC 21	mg/l (S <sub>l</sub>	poradic release)		
PNEC 100	0 mg/l (S	Sewage treatment plant)		
<i>PNEC</i>   <i>30</i> .	4 mg/kg	(Freshwater sediment)		
		(Seawater sediment)		
PNEC 29.	5 mg/kg	(Soil)		
Ingredient	s with b	iological limit values:		
xylene				
		mol creatinine		
	edium: ı mplina	ırine time: post shift		
		time. post stuji :: methyl hippuric acid		
		• ••	(Contd. on pa	

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- · Additional information: The lists valid during the making were used as basis.
- · 8.2 Exposure controls
- · Appropriate engineering controls No further data; see section 7.
- · Individual protection measures, such as 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.

Filter A2/P3

· Hand protection



Protective gloves

#### · Material of gloves

Butyl rubber, BR

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.

· 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

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

· Eye/face protection



Tightly sealed goggles

## SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· General Information

· Physical state Aerosol

Colour: Silver-coloured
 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.

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(Contd. of page 6) · Lower and upper explosion limit 0.7 Vol % (Hydrocarbons, C9, aromatics) · Lower: 10.9 Vol % (74-98-6 propane) · Upper: · Flash point: Not applicable, as aerosol. · Auto-ignition temperature: 365 °C (689 °F) (106-97-8 butane (containing < 0,1 % butadiene (203-450-8))) Not determined. · Decomposition temperature: Not determined.  $\cdot pH$ · Viscosity: Not determined. · Kinematic viscosity · Dynamic: Not determined. · Solubility Not miscible or difficult to mix. · water: · 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):  $0.7 \text{ g/cm}^3 (5.8 \text{ lbs/gal})$ · Relative density Not determined. Not determined. · Vapour density · 9.2 Other information · Appearance: · Form: Aerosol · Important information on protection of health and environment, and on safety. · Explosive properties: Not determined. · Solvent content: · Organic solvents: 85.3 % · VOC (EC) 581.7 g/l · VOC-EU% 85.30 % 14.4 % · Solids content: · Change in condition · Evaporation rate Not applicable. · Information with regard to physical hazard classes Void · Explosives · Flammable gases Void Extremely flammable aerosol. Pressurised container: · Aerosols May burst if heated. · Oxidising gases Void · Gases under pressure Void · Flammable liquids Void Void · Flammable solids · Self-reactive substances and mixtures Void · Pyrophoric liquids Void · Pyrophoric solids Void · Self-heating substances and mixtures Void · Substances and mixtures, which emit flammable gases in contact with water Void · Oxidising liquids Void · Oxidising solids Void · Organic peroxides Void · Corrosive to metals Void · Desensitised explosives Void

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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.
- · 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 Based on available data, the classification criteria are not met.

· LD/LC50	values releva	nt for classification:
Hydrocarb	ons, C9, aroi	matics
Oral	LD50	>5000 mg/kg (rat) (OECD 401)
Dermal	LD50	>2000 mg/kg (rab) (OECD 402)
xylene		
Oral	LD50	3523 mg/kg (rat)
Dermal	LD50	2000 mg/kg (rabbit)
Inhalative	LC50 / 4 h	29000 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)
	LC50 / 96 h	5540 mg/l (oncorhynchus mykiss)
100-41-4 е	thylbenzene	
Oral	LD50	3500 mg/kg (rat)

· 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 respiratory irritation. 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
- · Aquatic toxicity:

Hydro	carhons	$C_{0}$	aromatics

EC50 / 48 h 302 mg/l (daphnia magna)

EC50 / 72 h 2.75 mg/l (Pseudokirchneriella subcapitata)

EC50 / 96 h 9.2 mg/l (Regenbogenforelle)

xylene

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

LC50 / 96 h 13.5 mg/l (fish)

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#### 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))

- · 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
- · Remark: Harmful to fish
- · Additional ecological information:
- · General notes:

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

Harmful to aquatic organisms

## 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
- · 14.2 UN proper shipping name

· ADR 1950 AEROSOLS · IMDG AEROSOLS

· IATA AEROSOLS, flammable

- · 14.3 Transport hazard class(es)
- $\cdot ADR$



· Class 2 5F Gases.

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Label	2.1
IMDG, IATA	
Class Label	2.1 Gases. 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: Stowage Code	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
14.7 Maritime transport in bulk according to instruments	2.  IMO  Not applicable.
Transport/Additional information:	
ADR Limited quantities (LQ) Excepted quantities (EQ)	1L Code: E0 Not permitted as Excepted Quantity Code: E0
Transport category Tunnel restriction code	Not permitted as Excepted Quantity 2 D
IMDG Limited quantities (LQ) Excepted quantities (EQ)	1L Code: E0 Not permitted as Excepted Quantity Code: E0
	Not permitted as Excepted Quantity

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# SECTION 15: Regulatory information

- · 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- · Poisons Act

· Regulated	explosives	precursors
1105 minion	capiosiics	piccuisois

None of the ingredients is listed.

#### · Regulated poisons

None of the ingredients is listed.

#### · Reportable explosives precursors

67-64-1	acetone	Listed
7429-90-5	aluminium powder (stabilised)	Listed

#### · Reportable poisons

None of the ingredients is listed.

- · 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
- · 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.
- 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.
- H411 Toxic to aquatic life with long lasting effects.
- H412 Harmful to aquatic life with long lasting effects.

EUH066 Repeated exposure may cause skin dryness or cracking.

#### · Classification according to Regulation (EC) No 1272/2008

Data is based on internal technical data and technical data from suppliers.

### · 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)

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VOC: Volatile Organic Compounds (USA, EU) DNEL: Derived No-Effect Level (UK REACH)

PNEC: Predicted No-Effect Concentration (UK REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic 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

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 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.

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