according to Regulation (EC) No. 1907/2006 (REACH)

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SECTION 1: Identification of the substance/mixture and of the

company/undertaking

1.1 Product identifier

50 580 - AEROSPRAY gloss varnish Trade name

> 50 582 - AEROSPRAY neutral varnish 50 584 - AEROSPRAY matt varnish

REACH registration No.

UFI 50 580 - UFI: 8H2H-J4C4-F00U-WSQ4

> 50 582 - UFI: 8Q2H-J4QX-200U-7FV8 50 584 - UFI: RV2H-K43Q-P00U-J51D

1.2 Relevant identified uses of the substance or mixture and uses advised against

General use

Products for creation of art.

Uses advised against

1.3 Details of the supplier of the safety data sheet

H. Schmincke & Co. GmbH & Co. KG

Otto-Hahn-Strasse 2 D-40699 Erkrath

Tel +49 (0) 211 - 2509 - 0 Fax +49 (0) 211 - 2509 - 479

info@schmincke.de www.schmincke.de Schmincke-lab:

mo-th 8.00-16.30, fr 8.00-13.30 tel. +49 (0) 211-2509-474

sdb@schmincke.de

1.4 Emergency telephone number

Emergencycall Berlin +49 30-30686700

(24/7 counseling in german and english)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to EC regulation 1272/2008 (CLP)

Aquatic Chronic 2; H411 Toxic to aquatic life with long lasting effects.

Eye Irrit. 2; H319 Causes serious eye irritation.

Flam. Aerosol 1; H222 Extremely flammable aerosol.

H229 Pressurised container: May burst if heated.

2.2 Label elements

Labelling









Danger Signal word

according to Regulation (EC) No. 1907/2006 (REACH)

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Hazard statements

H222 Extremely flammable aerosol.

H229 Pressurised container: May burst if heated.

H319 Causes serious eye irritation.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.

Safety precautions

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.

P271 Use only outdoors or in a well-ventilated area.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P312 Call a POISON CENTER if you feel unwell.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. In case of insufficient ventilation and/or through use, explosive/highly flammable mixtures may develop.

Text for labelling (CLP)

Repeated exposure may cause skin dryness or cracking. AGW

Contains benzotriazole derivate, alkylmethacrylate. May produce an allergic reaction. (EUH208)

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SECTION 3: Composition/information on ingredients

3.1 Substances

Chemical characterisation

acrylic resin white spirit Alcohols matting agents AGW propellant (propane / butane)

CAS-Number EINECS / ELINCS / NLP

3.2 Mixtures

Substance 1

solvent naphtha (petroleum), light, aromatic: 25 < 50 %

CAS: 64742-95-6

REACH: 01-2119455851-35

EUH066 / Aquatic Chronic 2; H411 / Asp. Tox. 1; H304 / Flam. Liq. 3; H226 / STOT SE 3; H335 / STOT SE 3; H336

Substance 3

naphtha (petroleum), hydrotreated light: 0 < 10 %

CAS: 64742-49-0

REACH: 01-2119473851-33

Aquatic Chronic 2; H411 / Asp. Tox. 1; H304 / Flam. Liq.

2; H225 / Skin Irrit. 2; H315

Substance 5

ethanol: 0 < 2 % CAS: 64-17-5

REACH: 01-2119457610-43

Eye Irrit. 2; H319 / Flam. Liq. 2; H225

(Eye Irrit. 2; H319: C >=50%)

Substance 7

alkylmethacrylate: 0,1 < 1,0 %

CAS: 97-88-1

REACH: 01-2119486394-28

Eye Irrit. 2; H319 / Flam. Liq. 3; H226 / Skin Irrit. 2;

H315 / Skin Sens. 1B; H317

Substance 2

naphtha (petroleum), hydrodesulphurized heavy: 3 < 10 %

CAS: 64742-82-1

REACH: 01-2119458049-33

Aquatic Chronic 2; H411 / Asp. Tox. 1; H304 / Flam. Liq.

3; H226 /

Substance 4

butan-1-ol: 1 < 3 %

CAS: 71-36-3

REACH: 01-2119484630-38

Acute Tox. 4; H302 / Eye Dam. 1; H318 / Flam. Liq. 3;

H226 / STOT SE 3; H335 / STOT SE 3; H336 / Skin Irrit.

2; H315

Substance 6

EO bis(benztriazolyl)phenylpropionat: 0 < 1 %

CAS: 104810-47-1

Aquatic Chronic 2; H411 / Skin Sens. 1; H317

Substance 8

butane: 20 -- 30 % CAS: 106-97-8

REACH: 01-2119474691-32

Compr. Gas; H280 / Flam. Gas 1; H220

Additional information

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SECTION 4: First aid measures

4.1 Description of first aid measures

General information

If you feel unwell, seek medical advice (show the label where possible).

according to Regulation (EC) No. 1907/2006 (REACH

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In case of inhalation

Move victim to fresh air, put at rest and loosen restrictive clothing. Seek medical attention if problems persist.

In case of skin contact

Thoroughly wash skin with soap and water. Seek medical attention if irritation persists.

fter eve contact

In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Subsequently consult an ophthalmologist.

After swallowing

Call a POISON CENTER/doctor if you feel unwell.

4.2 Most important symptoms and effects, both acute and delayed

--

4.3 Indication of any immediate medical attention and special treatment needed

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

extinguishing powder carbon dioxide Water spray jet

Extinguishing media which must not be used for safety reasons

none

5.2 Special hazards arising from the substance or mixture

In case of fire may be liberated: Carbon monoxide and carbon dioxide

5.3 Advice for firefighters

Special protective equipment for firefighters

Use appropriate respiratory protection.

Additional information

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

refer to section 8

6.2 environmental precautions

Do not allow to enter into surface water or drains.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up

Absorb leftover product with non-flammable liquid-binding material (e.g. earth, sand, vermiculite or ground sand stone) and place in closed containers for disposal.

Additional information

6.4 Reference to other sections

Dispose of waste according to applicable legislation. refer to section 13

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advices on safe handling

Provide good ventilation and/or an exhaust system in the work area. In case of insufficient ventilation and/or through use, explosive/highly flammable mixtures may develop.

Precautions against fire and explosion

according to Regulation (EC) No. 1907/2006 (REACH

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7.2 Conditions for safe storage, including any incompatibilities

Requirements for storerooms and containers

Store in a well-ventilated place. Keep container tightly closed. Keep away from sources of ignition and heat. Protect from direct sunlight.

Hints on joint storage

Storage class

Further details

storage temperature: from 10 °C to 35 °C

7.3 Specific end use(s)

No special measures necessary if stored and handled as prescribed.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

64742-95-6	solvent naphtha (petroleun	n), light, aromatic		
DEU WEL		50,000	mg/m³	2(II); AGS
64742-82-1	naphtha (petroleum), hydr	odesulphurized heav	У	
DEU WEL		150,000	mg/m³	4 (II); AGS
71-36-3	butan-1-ol			
DEU WEL		100,000	mL/m³	-
DEU WEL		310,000	mg/m³	1(I); DFG, Y
64-17-5	ethanol			
DEU WEL		200,000	mL/m³	-
DEU WEL		380,000	mg/m³	2(II); DGF; Y
USA PEL (US)		1.000,000	ppm	8h (long term)
USA PEL (US)		1.900,000	mg/m³	8h (long term)
106-97-8	butane			
DEU WEL		1.000,000	mL/m³	-
DEU WEL		2.400,000	mg/m³	4(II); DGF
74-98-6	propane			
DEU WEL		1.000,000	mL/m³	-
DEU WEL		1.800,000	mg/m³	4(II); DFG

DNEL overview

64742-95-6 solvent naphtha (petroleum), light, aromatic

DNEL worker	Long-term - inhalation, systemic effects	150,00000	mg/m³
DNEL worker	Long-term - dermal, local effects	25,00000	mg/kg bw/day
DNEL Consumer	Long-term - oral, systemic effects	11,00000	mg/kg bw/day
DNEL Consumer	Long-term - inhalation, systemic effects	32,00000	mg/m³
DNEL Consumer	Long-term - dermal, systemic effects	11,00000	mg/kg bw/day

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71-36-3	butan-1-ol
/ I = 3D = 3	nuran- i-ni

DNEL worker	Long-term - inhalation, systemic effects	310,00000	mg/m³
DNEL Consumer	Long-term - oral, systemic effects	1,56200	mg/kg bw/day
DNEL Consumer	Long-term - inhalation, systemic effects	55 , 35700	mg/m³
DNEL Consumer	Long-term - dermal, systemic effects	3,12500	mg/kg bw/day

DNEL overview

64-17-5 ethanol

DNEL worker	Long-term - inhalation, systemic effects	950,00000	mg/m³
DNEL worker	Long-term - dermal, systemic effects	343,00000	mg/kg
DNEL Consumer	Long-term - oral, systemic effects	87,00000	mg/kg
DNEL Consumer	Long-term - inhalation, systemic effects	114,00000	mg/m³
DNEL Consumer	Long-term - dermal, systemic effects	206,00000	mg/kg

PNEC overview

71-36-3 butan-1-ol

 Batail I Gi		
PNEC soil	0,01700	mg/kg
PNEC aquatic, freshwater	0,08200	mg/L
PNEC aquatic, marine water	0,00800	mg/L
PNEC soil, freshwater	0,32400	mg/kg
PNEC soil, marine water	0,03200	mg/kg
PNEC sewage treatment plant (STP)	2476,00000	mg/L

PNEC overview

64-17-5 ethanol

PNEC soil	0,63000	mg/kg
PNEC aquatic, freshwater	0,96000	mg/L
PNEC aquatic, marine water	0,79000	mg/L
PNEC soil, freshwater	3,60000	mg/kg
PNEC soil, marine water	2,90000	mg/kg
PNEC sewage treatment plant (STP)	580,00000	mg/L

PNEC overview

97-88-1 alkylmethacrylate

 	u,		
	not required	0,17000	mg/L

Biological limit values: overview

71-36-3 butan-1-ol

not required	urine	end of exposure or end of	10,00000	mg/g	-
not required	urine	before next shift	2,00000	mg/g	-

8.2 Exposure controls

Occupational exposure controls

Respiratory protection

Respiratory protection must be worn whenever the WEL levels have been exceeded.

Combination filtering device (EN 14387) Use filter type A (= against vapours of organic substances)

Hand protection

Qualified materials: Nitrile rubber Layer thickness > 0,35 mm Breakthrough time > 480 min

Ultranitril 492 - MAPA GmbH, Industriestraße 21- 25, D-27404 Zeven, Internet: www.mapa-pro.de

All information was derived in accordance with EU directive 89/686/EWG and the resultant EN 374 in cooperation with MAPA

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GmbH. This recommendation applies exclusively to the product and use named in Section 1. In the event of commingling or deviating conditions, contact the suppliers of CE-approved gloves.

This information is abased on our current state of knowledge and describes the security standards applicable to our product for the purpose provided.

Eye protection

Goggles

Body protection

Wash contaminated clothing prior to re-use.

General protection and hygiene measures

Handle in accordance with good industrial hygiene and safety practice. After work, wash hands and face.

SECTION 9: Physical and chemical properties

9.1 information on basic physical and chemical properties

Form Aerosol
Colour colourless
Odour characteristic

	min	max	
Melting point/freezing point			
Initial boiling point and			
boiling range			
Flammability			
Explosion limits	0,6	8,5 Vol%	
Flash point/flash point range	-60 °C		
Ignition temperature			
PH			
Viscosity			
Solubility			
Partition coefficient:			
n-octanol/water			
Vapour pressure		300 kPa	
Density and/or relative		0,71 g/ml	
density			
Relative vapour density			
Auto-ignition temperature			
Refraction index			

Danger of explosion ---

9.2 Other information

SECTION 10: Stability and reactivity

10.1 Reactivity

No hazardous reaction when handled and stored according to provisions.

10.2 Chemical stability

Product is stable under normal storage conditions.

10.3 Possibility of hazardous reactions

10.4 Conditions to avoid

Protect from heat and direct sunlight.

10.5 Incompatible materials

Oxidising agent

according to Regulation (EC) No. 1907/2006 (REACH

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10.6 Hazardous decomposition products

No known hazardous decomposition products.

SECTION 11: Toxicological information

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

Toxicological tests

64742-95-6 solvent naphtha (petroleum), light, aromatic

oral	LD50	Rat	>	3500,00000	mg/kg	1
dermal	LD50	Rat.	>	3000,00000	ma/ka	-

Toxicological tests

64742-82-1 naphtha (petroleum), hydrodesulphurized heavy

oral LD50 Rat > 5000,00000 mg/kg -

Toxicological tests

71-36-3 butan-1-ol

oral	LD50	Rat		1000,00000	mg/kg	-
inhalative	LC50	Rat	>	17,76000	mg/L	(4h)
dermal	LD50	Rabbit	>	2000,00000	ma/ka	-

Toxicological tests

64-17-5 ethanol

oral	LD50	Rat		10470,00000	mg/kg	-
inhalative	LC50	Rat		38,00000	mg/L	(4h)
inhalative	LC50	Mouse	>	20,00000	mg/L	(4h)
dermal	LD50	Rabbit.	>	2000,00000	ma/ka	=

Toxicological tests

97-88-1 alkylmethacrylate

oral	LD50	Rat		16000,00000	mg/kg	=
dermal	T.D50	Rabbit	>	10100.00000	ma/ka	-

Toxicological tests

106-97-8 butane

inhalative	LC50	Rat	658,00000	mg/L	(4h)

Toxicokinetics, metabolism and distribution

Acute toxicity

There are no data available on the preparation/mixture itself.

In case of inhalation

There are no data available on the preparation/mixture itself.

After swallowing

There are no data available on the preparation/mixture itself.

In case of skin contact

There are no data available on the preparation/mixture itself.

After eye contact

There are no data available on the preparation/mixture itself.

Practical experience

according to Regulation (EC) No. 1907/2006 (REACH

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General remarks

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11.2 Information on other hazards

SECTION 12: Ecological information

12.1 Toxicity

Ecotoxicological effects

64742-95-6

solvent naphtha (petroleum), light, aromatic

	LC50	fish		9,00000	mg/L	(96h)
	EC50	Algae	>	2,60000	mg/L	(72h)
ſ	EC50	Daphnia magna (Big water		3,20000	mg/L	(48h)

Ecotoxicological effects

71-36-3

butan-1-ol

LC50	Pimephales promelas (fath	1376,00000	mg/L	(96h)
EC50	Selenastrum capricornutum	225,00000	mg/L	(96h)
EC50	Daphnia magna (Big water	1328,00000	mg/L	(48h)
NOEC	Daphnia magna (Big water	4,10000	mg/L	(21d)

Ecotoxicological effects

64-17-5

ethanol

LC50	Leuciscus idus		8140,00000	mg/L	48h
EC50	Chlorella vulgaris		275,00000	mg/L	(72h)
EC50	Daphnia magna	>	10000,00000	ma/L	48h

Aquatic toxicity

Water Hazard Class 2
WGK catalog number ---

General information

12.2 Persistence and degradability

Further details

Oxygen demand

12.3 Bioaccumulative potential

Bioconcentration factor (BCF)

Partition coefficient: n-octanol/water

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

No data available

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12.6 Endocrine disrupting properties

12.7 Other adverse effects

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Waste key number

Gases in pressure containers (including halons) containing hazardous substances

Recommendation

Package

Waste key number

Recommendation

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself. Completely emptied packages can be recycled.

Additional information

SECTION 14: Transport information

14.1 UN number or ID number

1950

14.2 UN proper shipping name

ADR, ADN AEROSOLS, flammable IMDG, IATA AEROSOLS, flammable

14.3 Transport hazard class(es)

ADR, ADN 2
IMDG 2.1
IATA 2.1

14.4 Packing group

14.5 Environmental hazards

Marine Pollutant - IMDG Yes
Marine Pollutant - ADN ---

14.6 Special precautions for user

Land transport (ADR/RID)

Code: ADR/RID5FKemmler-number-Hazard label ADR2.1Limited quantities1L

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Package: InstructionsP207 - LP200Package: Special ProvisionsPP87 - RR6 - L2

Special provisions for packing together MP9
Portable tanks: Instructions Portable tanks: Special Provisions Tank coding Tunnel restriction D
Remarks --EQ E0

Special Provisions 190 - 327 - 344 - 625

Sea transport (IMDG)

EmS F-D, S-U

Special Provisions 63 - 190 - 277 - 327 - 344 - 381 - 959

Limited quantities 1

Package: InstructionsP207 - LP200Package: Special ProvisionsPP87 - L2

IBC: Instructions IBC: Provisions Tank instructions IMO Tank instructions UN Tank instructions Special Provisions -

Stowage and segregation category A

SW1 - SG69

Properties and observations --Remarks --EQ E0

Air transport (IATA-DGR)

Hazard -

 Passenger
 203 (75 kg)

 Passenger LQ
 Y203 (30 kg G)

 Cargo
 203 (150 kg)

 ERG
 10L

 Remarks
 --

 EQ
 E0

Special Provisioning A145 - A167 - A802

14.7 Maritime transport in bulk according to IMO instruments

No data available

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations

Europe

Contents of VOC [%] 0
Contents of VOC ---

[g/L]

Further regulations, limitations and legal requirements

Germany

Storage class
Water Hazard Class
2

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WGK catalog number --Incident regulation --Information on working limitations

Further regulations, limitations and legal requirements

Switzerland

Contents of VOC [%]

~ 87 %

Further regulations, limitations and legal requirements

<u>USA</u>

Further regulations, limitations and legal requirements

Federal Regulations

reuerai Regulations

State Regulations

Canada

Further regulations, limitations and legal requirements

15.2 Chemical Safety Assessment

--

SECTION 16: Other information

Further information

Hazard statements (CLP) H220 Extremely flammable gas.

H222 Extremely flammable aerosol.

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H229 Pressurised container: May burst if heated.

H280 Contains gas under pressure; may explode if heated.

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

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

H372 Causes damage to organs through prolonged or repeated exposure.

H373 May cause damage to organs through prolonged or repeated exposure.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H411 Toxic to aquatic life with long lasting effects.

Further information

This information is abased on our current state of knowledge and describes the security standards applicable to our product for the purpose provided. The information provided here does not constitute a legally binding warranty of specific characteristics or of suitability for a specific application use of the product is thus to be adapted to the user's special conditions and checked by preliminary tests. We are thus unable to guarantee product characteristics or

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accept an liability for damage arising in connection with the use of our products.

Literature

REGULATION (EU) 2021/849 - ATP 17

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

Reason of change

Additional information

BIT - 1,2-benzisothiazol-3(2H)-one

CIT - 5-chloro-2-methyl-4-isothiazolin-3-one

MIT - 2-methyl-2H-isothiazol-3-one

OIT - 2-octyl-2H-isothiazol-3-one