

SAFETY DATA SHEET

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

series 10 - MUSSINI golds

Article No.
Version 3 (01.03.17)

Issue date: 01.03.17
Page 1 / 9

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

1.1 Product identifier

Trade name series 10 - MUSSINI
finest artists' resin-oil-colours
.
10 860 - white gold
10 861 - renaissance gold
10 862 - antique gold
10 863 - yellow gold
10 864 - gold bronze
10 865 - rose gold
10 866 - copper

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-Str. 2
D - 40699 Erkrath
Tel. +49 (0) 211-2509-0
Fax. +49 (0) 211-2509-497
info@schmincke.de
www.schmincke.de

Dept. responsible for information

Schmincke-lab:
mo-th 8.00-16.30,fr 8.00-13.30
Tel. +49 (0) 211-2509-474
labor@schmincke.de

1.4 Emergency telephone number

**Emergency
Information
Phone #**

**Emergencycall Berlin
(24h - counseling in german and english)
+49 (0) 30-30686790**

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to EC regulation 1272/2008 (CLP)

Aquatic Acute 1; H400 Very toxic to aquatic life.
Aquatic Chronic 2; H411 Toxic to aquatic life with long lasting effects.

2.2 Label elements

Labelling (CLP)



Signal word

Warning

Hazard statements

H410 Very toxic to aquatic life with long lasting effects.
H411 Toxic to aquatic life with long lasting effects.

SAFETY DATA SHEET

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

series 10 - MUSSINI golds

Article No.		Issue date:	01.03.17
Version	3 (01.03.17)	Page	2 / 9

Safety precautions

P102 Keep out of reach of children.
P273 Avoid release to the environment.

2.3 Other hazards

SECTION 3: Composition / information on ingredients

3.1 Substances

Chemical characterisation

oil
pigment
Dammar resin
siccative
essential oils
CAS-Number
EINECS / ELINCS / NLP
EU index number
Customs tariff number
REACH registration No.
RTECS-no.
Hazchem-Code
CI-Number

10 860 - copper-zinc-alloy; aluminium
10 861 - copper-zinc-alloy
10 862 - copper-zinc-alloy
10 863 - copper-zinc-alloy; mica
10 864 - copper-zinc-alloy; aluminium; copper
10 865 - copper-zinc-alloy
10 866 - copper

3.2 Mixtures

Substance 1

copper: 5-40 %
CAS: 7440-50-8
Acute Tox. 4; H302 / Aquatic Acute 1; H400 / Aquatic
Chronic 2; H411

Substance 3

zinc powder - zinc dust (stabilized): 2-20 %
CAS: 7440-66-6
REACH: 01-2119467174-37
Aquatic Acute 1; H400 / Aquatic Chronic 1; H410

Substance 5

hydrocarbons, C4, 1,3-butadiene-free, polymd.,
triisobutylene fraction, hydrogenated: 0-8 %
CAS: 93685-81-5
REACH: 01-2119490725-xxxx
Aquatic Chronic 4; H413 / Asp. Tox. 1; H304 / Flam. Liq.
3; H226

Substance 2

aluminium: 0-30 %
CAS: 7429-90-5
REACH: 01-2119529243-45
Flam. Sol. 1; H228

Substance 4

propan-2-ol: 0-15 %
CAS: 67-63-0
REACH: 01-2119457558-25
Eye Irrit. 2; H319 / Flam. Liq. 2; H225 / STOT SE 3;
H336

Substance 6

naphtha (petroleum), heavy alkylate: 0-2 %
CAS: 64741-65-7
REACH: 01-2119471991-xxxx
Aquatic Chronic 2; H411 / Asp. Tox. 1; H304 / Flam. Liq.
3; H226

Additional information

SECTION 4: First aid measures

4.1 Description of first aid measures

SAFETY DATA SHEET

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

series 10 - MUSSINI golds

Article No.		Issue date:	01.03.17
Version	3 (01.03.17)	Page	3 / 9

General information

No special measures are required.

In case of inhalation

In case of skin contact

After eye contact

After swallowing

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

Product is non-combustible. Extinguishing materials should therefore be selected according to surroundings.

Extinguishing media which must not be used for safety reasons

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

Additional information

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid contact with skin, eyes, and clothing.

6.2 environmental precautions

Discharge into the environment must be avoided.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up

Take up mechanically. Wash spill area with plenty of water.

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

Handle in accordance with good industrial hygiene and safety practice.

Precautions against fire and explosion

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storerooms and containers

Keep container tightly closed.

Hints on joint storage

Storage class

Further details

storage temperature: 5 - 40 °C

7.3 Specific end use(s)

No special measures necessary if stored and handled as prescribed.

SECTION 8: Exposure controls/personal protection

SAFETY DATA SHEET

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

series 10 - MUSSINI golds

Article No.
Version

3 (01.03.17)

Issue date:
Page

01.03.17
4 / 9

8.1 Control parameters

7440-50-8 copper

DEU	WEL	1,000	mg/m ³	-
-----	-----	-------	-------------------	---

7429-90-5 aluminium

DEU	WEL	10,000	mg/m ³	-
-----	-----	--------	-------------------	---

7440-66-6 zinc powder - zinc dust (stabilized)

DEU	WEL	2,000	mg/m ³	-
-----	-----	-------	-------------------	---

67-63-0 propan-2-ol

DEU	WEL	200,000	mL/m ³	-
DEU	WEL	500,000	mg/m ³	2(II); DFG; Y

8.2 Exposure controls

Occupational exposure controls

Respiratory protection

With correct and proper use, and under normal conditions, breathing protection is not required.

Hand protection

Protect skin by using skin protective cream.

Eye protection

Avoid contact with eyes.

Body protection

Wash contaminated clothing prior to re-use.

General protection and hygiene measures

No special handling advices are necessary. Wash hands thoroughly after handling.

SECTION 9: Physical and chemical properties

9.1 information on basic physical and chemical properties

Form pasty
Colour pigmented
Odour weak

min max

Initial boiling point and boiling range

Melting point/freezing point

Flash point/flash point range

Flammability

Ignition temperature

Auto-ignition temperature

Explosion limits

Refraction index

Partition coefficient: n-octanol/water

Danger of explosion

Vapour pressure

Density 1,6 - 20 °C
3,1 g/ml

PH value

Viscosity dynamic of

Viscosity dynamic up to

Viscosity kinematic of

Viscosity kinematic up to

SAFETY DATA SHEET

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

series 10 - MUSSINI golds

Article No.
Version 3 (01.03.17)

Issue date: 01.03.17
Page 5 / 9

9.2 Other information

SECTION 10: Stability and reactivity

10.1 Reactivity

10.2 Chemical stability

10.3 Possibility of hazardous reactions

10.4 Conditions to avoid

frost and heat

10.5 Incompatible materials

10.6 Hazardous decomposition products

7440-50-8	copper	oral	LD50	Rat		1430,000	mg/kg	-
7429-90-5	aluminium	inhalative	LC50	Rat	>	5,000	mg/l	4h
7440-66-6	zinc powder - zinc dust (stabilized)	oral	LD50	Rat	>	2000,000	mg/kg	-
		inhalative	LC50	Rat		5,410	mg/l	4h
67-63-0	propan-2-ol	oral	LD50	Rat	>=	5050,000	mg/kg	-
64741-65-7	hydrocarbons, C10-C12, isoalkanes, <2% aromatics	oral	LD50	Rat	>	5000,000	mg/kg	-
		dermal	LD50	mg/kg	>	5000,000	Rat	-

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

In case of inhalation

No data available

After swallowing

No data available

In case of skin contact

No data available

After eye contact

No data available

Practical experience

General remarks

Toxicological tests

67-63-0	propan-2-ol	LC50	fish	>	1000,000	mg/l	(96h)
64741-65-7	hydrocarbons, C10-C12, isoalkanes, <2% aromatics	LC50	fish	>	100,000	mg/l	-
		EC50	Daphnia magna (Big water)	>	100,000	mg/l	-

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity

SAFETY DATA SHEET

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

series 10 - MUSSINI golds

Article No.		Issue date:	01.03.17
Version	3 (01.03.17)	Page	6 / 9

Water Hazard Class 1
WGK catalog number
General information

12.2 Persistence and degradability

Further details
Product is partially biodegradable.
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

12.6 Other adverse effects

General information

Ecotoxicological effects

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Waste key number 080112 080112 waste paint and varnish other than those mentioned in 080111
Recommendation

Contaminated packaging

Waste key number
Recommendation

Additional information

SECTION 14: Transport information

14.1 UN number

3082

14.2 UN proper shipping name

ADR, ADN Environmentally hazardous substance, liquid n.o.s.
IMDG, IATA ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

14.3 Transport hazard class(es)

ADR, ADN 9
IMDG 9
IATA 9

14.4 Packing group

III

14.5 Environmental hazards

Marine Pollutant - IMDG Yes
Marine Pollutant - ADN

14.6 Special precautions for user

SAFETY DATA SHEET

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

series 10 - MUSSINI golds

Article No.		Issue date:	01.03.17
Version	3 (01.03.17)	Page	7 / 9

Land transport

Code: ADR/RID	M6
Kemmler-number	90
Hazard label ADR	9
Limited quantities	5I
Contaminated packaging: Instructions	P001 - IBC03 - LP01 - R001
Contaminated packaging: Special provisions	PP1
Special provisions for packing together	MP19
Portable tanks: Instructions	T4
Portable tanks: Special provisions	TP1 - TP29
Tank coding	LGBV
Tunnel restriction	E
Remarks	
EQ	E1
Special provisions	274 - 335 - 375 - 601

Inland waterway craft

Hazard label	
Limited quantities	
Transport permitted	
Equipment necessary	
Ventilation	
Remarks	
EQ	
Special provisions	

Sea transport

EmS	F-A, S-F
Special provisions	274 - 335 - 969
Limited quantities	5I
Contaminated packaging: Instructions	P001 - LP01
Contaminated packaging: Special provisions	PP1
IBC: Instructions	IBC03
IBC: Provisions	-
Tank instructions IMO	-
Tank instructions UN	T4
Tank instructions Special provisions	TP1 - TP29
Stowage and segregation	category A
Properties and observations	
Remarks	
EQ	E1

Air transport

Hazard	-
Passenger	964 (450l)
Passenger LQ	Y964 (30kg G)
Cargo	964 (450l)
ERG	9L
Remarks	
EQ	E1
Special Provisioning	A97 - A158 - A197

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No data available

SECTION 15: Regulatory information

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

SAFETY DATA SHEET

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

series 10 - MUSSINI golds

Article No.
Version 3 (01.03.17)

Issue date: 01.03.17
Page 8 / 9

National regulations

Europe

Contents of VOC [%]
Contents of VOC
[g/L]
Further regulations, limitations and legal requirements

Germany

Storage class
Water Hazard Class 1
WGK catalog number
Incident regulation
Information on working limitations
Further regulations, limitations and legal requirements

Denmark

Further regulations, limitations and legal requirements

Hungary

Further regulations, limitations and legal requirements

Great Britain

Further regulations, limitations and legal requirements

Switzerland

Contents of VOC [%]
max. 8 %
Further regulations, limitations and legal requirements

USA

Further regulations, limitations and legal requirements
Federal Regulations
State Regulations

Japan

Further regulations, limitations and legal requirements

Canada

Further regulations, limitations and legal requirements

15.2 Chemical Safety Assessment

SECTION 16: Other information

Further information

Hazard statements (CLP)	H225 Highly flammable liquid and vapour. H226 Flammable liquid and vapour. H228 Flammable solid. H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness. 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. H413 May cause long lasting harmful effects to aquatic life.
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SAFETY DATA SHEET

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

series 10 - MUSSINI golds

Article No.		Issue date:	01.03.17
Version	3 (01.03.17)	Page	9 / 9

Further information

This information is based 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 accept an liability for damage arising in connection with the use of our products.

Literature

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