

MSDS for #01905 - SCHMINCKE AQUA BRONZE
SAFETY DATA SHEET
according to Regulation (EC) No. 1907/2006 (REACH)**series 15**
Aqua-Bronzen (without silver)

Article No.		Issue date:	08.12.14
Version	1 (08.12.14)	Page	1/ 9

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier**

Trade name	15 811 - rich gold
	15 812 - rich pale gold
	15 813 - pale bold
	15 814 - 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)**

Acute Tox. 4; H302 Harmful if swallowed.
Aquatic Chronic 1; H410 Very toxic to aquatic life with long lasting effects.

2.2 Label elements**Labelling (CLP)**

Signal word Warning

Hazard statements
H302 Harmful if swallowed.
H410 Very toxic to aquatic life with long lasting effects.

Safety precautions
P102 Keep out of reach of children.

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

series 15**Aqua-Bronzen (without silver)**

Article No.		Issue date:	08.12.14
Version	1 (08.12.14)	Page	2/ 9

P270 Do not eat, drink or smoke when using this product.
 P273 Avoid release to the environment.
 P312 Call a POISON CENTER/doctor/. if you feel unwell.
 P391 Collect spillage.
 P501 Dispose of contents/container to ###.

2.3 Other hazards**SECTION 3: Composition / information on ingredients****3.1 Substances****Chemical characterization**

Copper-zinc-alloy (15 801 - 15 803), Copper-paste (15 804)

CAS-Number
 EINECS / ELINCS / NLP
 EU index number
 Customs tariff number
 REACH registration No.
 RTECS-no.
 Hazchem-Code
 CI-Number

3.2 Mixtures**Substance 1**

copper: > 50 %
 CAS-Number: 7440-50-8

Classification according to EC regulation 1272/2008 (CLP):
 Acute Tox. 4; H302 / Aquatic Acute 1; H400 / Aquatic
 Chronic 2; H411

Substance 2

zinc: < 50 %
 CAS-Number: 7440-66-6
 REACH registration No.: 01-2119467174-37

Classification according to EC regulation 1272/2008 (CLP):
 Aquatic Acute 1; H400 / Aquatic Chronic 1; H410

Additional information**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).

In case of inhalation

If victim is at risk of losing consciousness, position and transport on their side. Seek medical attention if problems persist.

In case of skin contact

Wash with generous amount of water and soap.

After eye contact

In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Seek medical attention if irritation persists.

After swallowing

Keep airway open. Do not give fatty oils and milk. Seek medical treatment in case of troubles.

4.2 Most important symptoms and effects, both acute and delayed**4.3 Indication of any immediate medical attention and special treatment needed**

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

series 15**Aqua-Bronzen (without silver)**

Article No.		Issue date:	08.12.14
Version	1 (08.12.14)	Page	3/ 9

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

water High power water jet

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. Avoid dust formation.

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

Protect from moisture contamination.

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**

7440-50-8 copper

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

Item Numbers: 01905-9110, 01905-9240, 01905-9260, 01905-9500

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

series 15**Aqua-Bronzen (without silver)**

Article No.		Issue date:	08.12.14
Version	1 (08.12.14)	Page	4/ 9

7440-66-6 zinc

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

8.2 Exposure controls**Occupational exposure controls****Respiratory protection**

With the formation of dust, use a dust mask.

Hand protection

Protect skin by using skin protective cream.

Eye protection

Goggles

Body protection

Wear suitable protective clothing. Wash contaminated clothing prior to re-use.

General protection and hygiene measures

After work, wash hands and face.

SECTION 9: Physical and chemical properties**9.1 information on basic physical and chemical properties**

Physical state	Powder
Colour	pigmented
Odour	almost odourless

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****Explosive properties****Vapour pressure**

Density	ca.	20 °C
	1,5 g/ml	

PH value**Viscosity dynamic of****Viscosity dynamic up to****Viscosity kinematic of****Viscosity kinematic up to****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.

Item Numbers: 01905-9110, 01905-9240, 01905-9260, 01905-9500

SAFETY DATA SHEET

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

series 15**Aqua-Bronzen (without silver)**

Article No.
Version 1 (08.12.14)

Issue date: 08.12.14
Page 5/ 9

10.3 Possibility of hazardous reactions**10.4 Conditions to avoid**

frost and heat

10.5 Incompatible materials

strong acids oxidizing agents Strong alkali

10.6 Hazardous decomposition products

No known hazardous decomposition products.

SECTION 11: Toxicological information**11.1 Information on toxicological effects****Acute toxicity**

No data available

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**

7440-66-6 zinc

oral	LD50	Rat		2000,000	mg/kg	-
inhalative	LC50	Rat		5,410	mg/L	4h

SECTION 12: Ecological information**12.1 Toxicity****Aquatic toxicity****Water Hazard Class****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**

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

series 15**Aqua-Bronzen (without silver)**

Article No.		Issue date:	08.12.14
Version	1 (08.12.14)	Page	6/ 9

No data available

12.5 Results of PBT and vPvB assessment

No data available

12.6 Other adverse effects

General information

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**

3077

14.2 UN proper shipping name

ADR, ADN ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
IMDG, IATA ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, 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 Yes

14.6 Special precautions for user**Land transport**

Code: ADR/RID M7
Kemmler-number 90
Hazard label ADR 9
Limited quantities 5kg
Contaminated packaging: Instructions P002 - IBC08 - LP02 - R001
Contaminated packaging: Special provisions PP12 - B3
Special provisions for packing together MP10
Portable tanks: Instructions T1 - BK1 - BK2
Portable tanks: Special provisions TP33
Tank coding SGAV/LGBV
Tunnel restriction E
Remarks

Item Numbers: 01905-9110, 01905-9240, 01905-9260, 01905-9500

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

series 15**Aqua-Bronzen (without silver)**

Article No.		Issue date:	08.12.14
Version	1 (08.12.14)	Page	7/ 9

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 - 966 - 967
Limited quantities 5kg
Contaminated packaging: Instructions P002 - LP02
Contaminated packaging: Special provisions PP12
IBC: Instructions IBC08
IBC: Provisions B3
Tank instructions IMO -
Tank instructions UN T1 - BK1 - BK2 - BK3
Tank instructions Special provisions TP33
Stowage and segregation category A
Properties and observations
Remarks
EQ E1

Air transport

Hazard -
Passenger 911 (400kg)
Passenger LQ Y911 (30kg G)
Cargo 911 (400kg)
ERG 9L
Remarks
EQ E1
Special Provisioning A97 - A158

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****National regulations****Europe**

Contents of VOC [%] 0
Contents of VOC
[g/L]
Further regulations, limitations and legal requirements

Germany**Storage class****Water Hazard Class**
Item Numbers: 01905-910, 01905-9240, 01905-9260, 01905-9500

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

series 15**Aqua-Bronzen (without silver)**

Article No.		Issue date:	08.12.14
Version	1 (08.12.14)	Page	8/ 9

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 [%]
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)

H302	Harmful if swallowed.
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 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**

Article No.		Issue date:	08.12.14
Version	1 (08.12.14)	Page	9/ 9

The information in this data sheet has been established to our best knowledge and was up-to-date at time of revision. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.

Item Numbers: 01905-9110, 01905-9240, 01905-9260, 01905-9500