

# SAFETY DATA SHEET

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

series 15

Acrylic-Bronzes (without silver)

Article No.

3 ( 23.01.18 )

Issue date:

25.01.18

Version

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

### 1.1 Product identifier

Trade name  
15 821 - rich gold  
15 822 - rich pale gold  
15 823 - pale bold  
15 824 - 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) 30-30686700**

## 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 3; H412 Harmful to aquatic life with long lasting effects.

### 2.2 Label elements

#### Labelling (CLP)



#### Signal word

Warning

#### Hazard statements

H400 Very toxic to aquatic life.  
H412 Harmful to aquatic life with long lasting effects.

#### Safety precautions

P102 Keep out of reach of children.

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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

Contains 1,2-Benzisothiazole-3(2H)-on and 2-Methyl-2H-isothiazol-3-one. May produce an allergic reaction.

## SECTION 3: Composition / information on ingredients

### 3.1 Substances

#### Chemical characterisation

Copper, gold bronze pigment  
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: 0-25 %  
CAS: 7440-50-8

Acute Tox. 4; H302 / Aquatic Acute 1; H400 / Aquatic  
Chronic 2; H411

#### Substance 2

Gold bronze pigment: 0-25 %

Aquatic Chronic 3; H412

#### 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

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### 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 Full 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 <sup>3</sup>	-
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#### 8.2 Exposure controls

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### 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

Form	pasty
Colour	pigmented
Odour	almost odourless

	min	max
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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	ca.	1,25	20 °C
	g/ml		

PH value	5	5,5
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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.

### 10.3 Possibility of hazardous reactions

### 10.4 Conditions to avoid

frost and heat

### 10.5 Incompatible materials

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strong acids oxidizing agents Strong alkali

### 10.6 Hazardous decomposition products

No known hazardous decomposition products.

7440-50-8

copper

oral	LD50	Rat		1430,000	mg/kg	-
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## 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

## SECTION 12: Ecological information

### 12.1 Toxicity

#### Aquatic toxicity

#### 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

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## 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

### 14.2 UN proper shipping name

ADR, ADN No dangerous good in sense of these transport regulations.

IMDG, IATA

### 14.3 Transport hazard class(es)

ADR, ADN

IMDG

IATA

### 14.4 Packing group

### 14.5 Environmental hazards

Marine Pollutant - IMDG

Marine Pollutant - ADN

### 14.6 Special precautions for user

#### Land transport

Code: ADR/RID

Kemmler-number

Hazard label ADR

Limited quantities

Contaminated packaging: Instructions

Contaminated packaging: Special provisions

Special provisions for packing together

Portable tanks: Instructions

Portable tanks: Special provisions

Tank coding

Tunnel restriction

Remarks

EQ

Special provisions

#### Inland waterway craft

Hazard label

Limited quantities

Transport permitted

Equipment necessary

Ventilation

Remarks

EQ

Special provisions

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## Sea transport

EmS  
Special provisions  
Limited quantities  
Contaminated packaging: Instructions  
Contaminated packaging: Special provisions  
IBC: Instructions  
IBC: Provisions  
Tank instructions IMO  
Tank instructions UN  
Tank instructions Special provisions  
Stowage and segregation  
Properties and observations  
Remarks  
EQ

## Air transport

Hazard  
Passenger  
Passenger LQ  
Cargo  
ERG  
Remarks  
EQ  
Special Provisioning

## 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 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

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

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.