

# SAFETY DATA SHEET

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

series 15

Acrylic-Bronzes (without silver)

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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

REACH registration No.  
UFI

### 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  
labor@schmincke.de

### 1.4 Emergency telephone number

**Emergency  
Information**

**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 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



**Signal word** Warning

#### **Hazard statements**

H400 Very toxic to aquatic life.  
H411 Toxic to aquatic life with long lasting effects.

#### **Safety precautions**

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P102 Keep out of reach of children.  
P270 Do not eat, drink or smoke when using this product.  
P273 Avoid release to the environment.  
P391 Collect spillage.  
P501 Dispose of contents/container to ###.

### Hazard components for labelling

### Text for labelling (CLP)

Contains biocidal products. Contains BIT, CIT, MIT, OIT: May produce an allergic reaction.  
Full text of biocides: see section 16.

## 2.3 Other hazards

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

#### Chemical characterisation

Copper, gold bronze pigment polyacrylate dispersion Additive

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  
REACH: 01-2119480154-42  
Acute Tox. 4; H302 / Aquatic Acute 1; H400 / Aquatic  
Chronic 2; H411 / Eye Irrit. 2; H319

#### 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.

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### 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

## 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

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### 8.1 Control parameters

7440-50-8 copper

DEU	WEL	1,000	mg/m <sup>3</sup>	2 (II); DFG
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#### DNEL overview

7440-50-8 copper

DNEL worker	Long-term - dermal, systemic e	137,00000	mg/kg
DNEL worker	dermal, short-term, systemic,	273,00000	mg/kg
DNEL Consumer	Long-term - oral, systemic eff	0,04100	mg/kg
DNEL Consumer	Long-term - inhalation, system	1,00000	mg/m <sup>3</sup>
DNEL Consumer	Long-term - inhalation, local	1,00000	mg/m <sup>3</sup>
DNEL Consumer	Long-term - dermal, systemic e	137,00000	mg/kg
DNEL Consumer	dermal, short-term, systemic,	273,00000	mg/kg

#### PNEC overview

7440-50-8 copper

PNEC soil	65,00000	mg/kg
PNEC aquatic, freshwater	0,00780	mg/L
PNEC aquatic, marine water	0,00520	mg/L
PNEC soil, freshwater	87,00000	mg/kg
PNEC soil, marine water	676,00000	mg/kg
PNEC sewage treatment plant (S	0,23000	mg/L

### 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

Form pasty  
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

PH 5

5,5

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Viscosity  
Viscosity

Vapour pressure  
Density  
Partition coefficient: n-octanol/water

ca. 1,25 g/ml 20 °C

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

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

#### Toxicological tests

7440-50-8 copper

oral	LD50	Rat	1430,00000	mg/kg	-
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#### 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

## SECTION 12: Ecological information

### 12.1 Toxicity

Aquatic toxicity  
Water Hazard Class

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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

## 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

#### Package

Waste key number  
Recommendation  
Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

#### 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

Danger releasing  
substance

### 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

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## Land transport (ADR/RID)

Code: ADR/RID  
Kemmler-number  
Hazard label ADR  
Limited quantities  
Package: Instructions  
Package: Special provisions  
Special provisions for packing together  
Portable tanks: Instructions  
Portable tanks: Special provisions  
Tank coding  
Tunnel restriction  
Remarks  
EQ  
Special provisions

## Sea transport (IMDG)

EmS  
Special provisions  
Limited quantities  
Package: Instructions  
Package: 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 (IATA-DGR)

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

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### Storage class

Water Hazard Class 3

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

### 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**

- 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



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