

# SAFETY DATA SHEET

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

series 15

Oil-Bronzes (silver)

Article No. Issue date: 24.01.18  
Version 3 ( 23.01.18 ) Page 1 / 9

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

### 1.1 Product identifier

Trade name 15 805 - silver

### 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)

Eye Irrit. 2; H319 Causes serious eye irritation.  
Flam. Sol. 1; H228 Flammable solid.  
STOT SE 3; H336 May cause drowsiness or dizziness.  
Skin Irrit. 2; H315 Causes skin irritation.

### 2.2 Label elements

#### Labelling (CLP)



#### Signal word

Danger

#### Hazard statements

H228 Flammable solid.  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H336 May cause drowsiness or dizziness.

#### Safety precautions

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P102 Keep out of reach of children.  
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P271 Use only outdoors or in a well-ventilated area.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P302+P352 IF ON SKIN: Wash with plenty of water/soap.  
P370+P378 In case of fire: Use dry sand to extinguish.

### 2.3 Other hazards

## SECTION 3: Composition / information on ingredients

### 3.1 Substances

#### Chemical characterisation

aluminum-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

aluminium: 50-100 %  
CAS: 7429-90-5  
REACH: 01-2119529243-45  
Flam. Sol. 1; H228

#### Substance 2

1-methoxy-2-propanol: 25-50 %  
CAS: 107-98-2  
REACH: 01-2119457435-35-xxxx  
Flam. Liq. 3; H226 / STOT SE 3; H336

#### Substance 3

2-Methoxypropanole: 0-0,3 %  
CAS: 1589-47-5  
Eye Dam. 1; H318 / Flam. Liq. 3; H226 / Repr. 1B; H360D  
/ STOT SE 3; H335 / Skin Irrit. 2; H315

#### Substance 4

Quino[2,3-b]acridine-6,7,13,14(5H,12H)-tetrone: 1-5 %  
CAS: 1503-48-6  
REACH: 01-2120099759-30  
Skin Sens. 1; H317

#### 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. Wash contaminated clothing prior to re-use.

#### 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

Dry extinguishing powder

##### 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

Use appropriate respiratory protection.

##### 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.

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## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

7429-90-5 aluminium

DEU	WEL	10,000	mg/m <sup>3</sup>	-
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107-98-2 1-methoxy-2-propanol

DEU	WEL	100,000	ppm	-
DEU	WEL	370,000	mg/m <sup>3</sup>	2 (I); DFG; EU; Y

1589-47-5 2-Methoxypropanole

DEU	WEL	5,000	ppm	-
DEU	WEL	19,000	mg/m <sup>3</sup>	-

### 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 Powder  
Colour silver grey  
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

Danger of explosion

Vapour pressure

Density ca. 2,1 g/ml 20 °C

PH value

Viscosity dynamic of

Viscosity dynamic up to

Viscosity kinematic of

Viscosity kinematic up to

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## 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

heat

### 10.5 Incompatible materials

No data available

### 10.6 Hazardous decomposition products

No known hazardous decomposition products.

7429-90-5 aluminium

inhalative	LC50	Rat	>	5,000	mg/l	4h
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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

May cause an allergic skin reaction.

#### After eye contact

Risk of serious damage to eyes.

### 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

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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

1325

### 14.2 UN proper shipping name

ADR, ADN FLAMMABLE SOLID, ORGANIC, N.O.S.  
IMDG, IATA FLAMMABLE SOLID, ORGANIC, N.O.S.

### 14.3 Transport hazard class(es)

ADR, ADN 4.1  
IMDG 4.1  
IATA 4.1

### 14.4 Packing group

II

### 14.5 Environmental hazards

Marine Pollutant - IMDG No  
Marine Pollutant - ADN No

### 14.6 Special precautions for user

#### Land transport

Code: ADR/RID F1  
Kemmler-number 40  
Hazard label ADR 4.1  
Limited quantities 1kg  
Contaminated packaging: Instructions P002 - IBC08  
Contaminated packaging: Special provisions B4  
Special provisions for packing together MP10

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Portable tanks: Instructions	T3
Portable tanks: Special provisions	TP33
Tank coding	SGAN
Tunnel restriction	E
Remarks	
EQ	E2
Special provisions	274

### Inland waterway craft

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

### Sea transport

EmS	F-A, S-G
Special provisions	274
Limited quantities	1kg
Contaminated packaging: Instructions	P002
Contaminated packaging: Special provisions	-
IBC: Instructions	IBC08
IBC: Provisions	B4 - B21
Tank instructions IMO	-
Tank instructions UN	T3
Tank instructions Special provisions	TP33
Stowage and segregation	category B
Properties and observations	
Remarks	
EQ	E2

### Air transport

Hazard	Flammable Solid
Passenger	445 (15kg)
Passenger LQ	Y441 (5kg)
Cargo	448 (50kg)
ERG	3L
Remarks	
EQ	E2
Special Provisioning	A3

### 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

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### 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. 50  
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

<b>Hazard statements (CLP)</b>	H226 Flammable liquid and vapour. H228 Flammable solid. H302 Harmful if swallowed. H314 Causes severe skin burns and eye damage. H315 Causes skin irritation. H318 Causes serious eye damage. H319 Causes serious eye irritation. H335 May cause respiratory irritation. H336 May cause drowsiness or dizziness. H360D May damage the unborn child. H373 May cause damage to organs through prolonged or repeated exposure.
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### 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



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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**