

**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**

**SAFETY DATA SHEET**

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

**series 15  
Oil-Bronzes (silver)**

<b>Article No.</b>		<b>Issue date:</b>	<b>24.01.18</b>
<b>Version</b>	<b>3 ( 23.01.18 )</b>	<b>Page</b>	<b>2 / 9</b>

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	Substance 2
aluminium: 50-100 % CAS: 7429-90-5 REACH: 01-2119529243-45 Flam. Sol. 1; H228	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	Substance 4
2-Methoxypropanol: 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	(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.

**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	3 / 9

**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.

**SAFETY DATA SHEET**

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

series 15

Oil-Bronzes (silver)

Article No.

Version

3 ( 23.01.18 )

Issue date:

Page

24.01.18

4 / 9

**SECTION 8: Exposure controls/personal protection****8.1 Control parameters**

7429-90-5 aluminium

DELT	WEL	10,000	mg/m <sup>3</sup>	-
------	-----	--------	-------------------	---

107-98-2 1-methoxy-2-propanol

DELT	WEL	100,000	ppm	-
------	-----	---------	-----	---

DELT	WEL	370,000	mg/m <sup>3</sup>	2 (1) x DPG; 80; Y
------	-----	---------	-------------------	--------------------

1589-47-5 2-Methoxypropanole

DELT	WEL	5,000	ppm	-
------	-----	-------	-----	---

DELT	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

**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	5 / 9

**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	4b
------------	------	-----	---	-------	------	----

**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**

**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	6 / 9

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

**SAFETY DATA SHEET**

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

**series 15****Oil-Bronzes (silver)**

Article No.		Issue date:	24.01.11
Version	3 ( 23.01.18 )	Page	7 / 9

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	

**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	8 / 9

**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**

Hazard statements (CLP)	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.

**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



**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	9 / 9

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.