

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
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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****Advises 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			
DEI	WEL	10,000	mg/m ³	-
107-98-2	1-methoxy-2-propanol			
DEI	WEL	100,000	ppm	-
DEI	WEL	370,000	mg/m ³	2 (1); DFG; B1; T
1589-47-5	2-Methoxypropanole			
DEI	WEL	5,000	ppm	-
DEI	WEL	19,000	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**

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**

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

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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**

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.