

MATERIAL SAFETY DATA SHEET

01905-9330

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

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

Article No.		Issue date:	23.07.21
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SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier**

Trade name 15 815 - silver
REACH registration No.
UFI UFI: JTSD-Q1P7-E007-8S77

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)**

Eye Irrit. 2; H319 Causes serious eye irritation.
Flam. Sol. 1; H228 Flammable solid.

2.2 Label elements**Labelling**

Signal word Danger

Hazard statements

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

**Item No. 01905-9330
Safety precautions**

P102 Keep out of reach of children.

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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.
 P370+P378 In case of fire: Use dry sand to extinguish.

Hazard components for labelling**Text for labelling (CLP)****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

propan-2-ol: 25-50 %
 CAS: 67-63-0
 REACH: 01-2119457558-25
 Eye Irrit. 2; H319 / Flam. Liq. 2; H225 / STOT SE 3;
 H336

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

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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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7429-90-5 aluminium powder (stabilised)

DEU	WEL	10,000	mg/m ³	2(II); AGS; DFG
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67-63-0 propan-2-ol

DEU	WEL	200,000	mL/m ³	-
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DEU	WEL	380,000	mg/m ³	4(II); DFG; Y
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DNEL overview

7429-90-5 aluminium powder (stabilised)

DNEL worker	Long-term - inhalation, system	3,72000	mg/m ³
DNEL Consumer	Long-term - oral, systemic eff	3,95000	mg/kg bw/day

DNEL overview

67-63-0 propan-2-ol

DNEL worker	Long-term - inhalation, system	950,00000	mg/m ³
DNEL worker	Long-term - dermal, systemic e	343,00000	mg/kg bw/day
DNEL Consumer	Long-term - oral, systemic eff	87,00000	mg/kg bw/day
DNEL Consumer	Long-term - inhalation, system	114,00000	mg/m ³
DNEL Consumer	Long-term - dermal, systemic e	206,00000	mg/kg bw/day

PNEC overview

7429-90-5 aluminium powder (stabilised)

PNEC aquatic, freshwater	0,07400	mg/L
PNEC sewage treatment plant (S	20,00000	mg/L

PNEC overview

67-63-0 propan-2-ol

PNEC soil	0,63000	mg/kg
PNEC aquatic, freshwater	0,96000	mg/L
PNEC aquatic, marine water	0,79000	mg/L
PNEC soil, freshwater	3,60000	mg/kg
PNEC soil, marine water	2,90000	mg/kg
PNEC sewage treatment plant (S	580,00000	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.

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SECTION 9: Physical and chemical properties

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9.1 information on basic physical and chemical properties

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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 PH Viscosity Viscosity			
Vapour pressure Density Partition coefficient: n-octanol/water		ca. 1,9 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**

heat

10.5 Incompatible materials

No data available

10.6 Hazardous decomposition products

No known hazardous decomposition products.

SECTION 11: Toxicological information**11.1 Information on toxicological effects****Toxicological tests**

7429-90-5 aluminium powder (stabilised)

inhalative	LC50	Rat	>	5,00000	mg/L	(4h)
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Toxicological tests

67-63-0 propan-2-ol

oral	LD50	Rat	>=	5000,00000	mg/kg	-
inhalative	LC50	Rat		51,00000	mg/L	(4h)
dermal	LD50	Rabbit	>	1000,00000	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**After eye contact**

Risk of serious damage to eyes.

Practical experience**General remarks****SECTION 12: Ecological information****12.1 Toxicity****Ecotoxicological effects**

67-63-0 propan-2-ol

LC50	Leuciscus idus		8400,00000	mg/L	(48h)
EC50	Chlorella vulgaris		275,00000	mg/L	(96h)
EC50	Daphnia magna (Big water flea)	>	10000,00000	mg/L	(48h)

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****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.

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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 (ADR/RID)**

Code: ADR/RID	F1
Kemmler-number	40
Hazard label ADR	4.1
Limited quantities	1kg
Package: Instructions	P002 - IBC08
Package: Special provisions	B4
Special provisions for packing together	MP10
Portable tanks: Instructions	T3
Portable tanks: Special provisions	TP33
Tank coding	SGAN
Tunnel restriction	E
Remarks	
EQ	E2
Special provisions	274

Sea transport (IMDG)

EmS	F-A, S-G
Special provisions	274 - 915
Limited quantities	1kg
Package: Instructions	P002
Package: Special provisions	-
IBC: Instructions	IBC08
IBC: Provisions	B2 - B4
Tank instructions IMO	-
Tank instructions UN	T3
Tank instructions Special provisions	TP33
Stowage and segregation	category B

Properties and observations

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EQ	E2
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Air transport (IATA-DGR)

Hazard	Flammable Solid
Passenger	415 (15kg)
Passenger LQ	Y415 (5kg)
Cargo	417 (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**Bezeichner in aktueller Sprache fehlt!****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

Further regulations, limitations and legal requirements

Switzerland

Contents of VOC [%]	
max. 50	
Further regulations, limitations and legal requirements	

USA

Signal Word	DANGER !
Principal Hazards	Flammable solid.

Hazardous IngredientsItem Number: 01905-033A
Contains Aluminium, Isopropanol.

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Hazard Statement

Causes skin and eye irritation.

Precaution Statement

Keep away from heat, sparks, open fire or hot surfaces. Avoid breathing dust or fumes. Wear protective gloves, clothing, eye and face protection. Store in a well ventilated place. Keep container tightly closed.

First aid Statements

Seek immediate medical assistance if swallowed or inhaled.

Children's Statement

For professional use only. Keep out of reach of children.

Required Statements

Conforms to ASTM D-4236.

Canada

Further regulations, limitations and legal requirements

15.2 Chemical Safety Assessment**SECTION 16: Other information****Further information****Hazard statements (CLP)**

H225 Highly flammable liquid and vapour.

H228 Flammable solid.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

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.~~