

# SAFETY DATA SHEET

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

## series 15 - Acrylic-Bronzes (silver)

Article No.		Issue date:	23.07.21
Version	4.1 ( 14.07.21 )	Page	1 / 9

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

#### 1.1 Product identifier

Trade name 15 825 - silver  
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)

The product is classified and labelled in accordance with EC directives/the relevant national laws.; no classification

#### 2.2 Label elements

##### Labelling

##### Signal word

##### Hazard statements

no hazard labelling required

##### Safety precautions

##### 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

# SAFETY DATA SHEET

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

## series 15 - Acrylic-Bronzes (silver)

Article No.		Issue date:	23.07.21
Version	4.1 ( 14.07.21 )	Page	2 / 9

### SECTION 3: Composition/information on ingredients

#### 3.1 Substances

##### Chemical characterisation

aluminum-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	Substance 2
aluminium: 10 - 20 % CAS: 7429-90-5 REACH: 01-2119529243-45 Flam. Sol. 1; H228	propan-2-ol: 5,0 - 7,5 % 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

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.

##### 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

# SAFETY DATA SHEET

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

## series 15 - Acrylic-Bronzes (silver)

Article No. 4.1 ( 14.07.21 ) Issue date: 23.07.21  
Version Page 3 / 9

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

### 8.1 Control parameters

7429-90-5 aluminium powder (stabilised)

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

DEU	WEL	200,000	mL/m <sup>3</sup>	-
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DEU	WEL	380,000	mg/m <sup>3</sup>	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 <sup>3</sup>
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# SAFETY DATA SHEET

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

## series 15 - Acrylic-Bronzes (silver)

Article No. 4.1 ( 14.07.21 )  
Version

Issue date: 23.07.21  
Page 4 / 9

DNEL Consumer	Long-term - oral, systemic eff	3,95000	mg/kg bw/day
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### DNEL overview

67-63-0 propan-2-ol

DNEL worker	Long-term - inhalation, system	950,00000	mg/m <sup>3</sup>
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 <sup>3</sup>
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.

## SECTION 9: Physical and chemical properties

### 9.1 information on basic physical and chemical properties

Form	pasty
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

8

9

# SAFETY DATA SHEET

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

## series 15 - Acrylic-Bronzes (silver)

Article No. Issue date: 23.07.21  
Version 4.1 ( 14.07.21 ) Page 5/ 9

Viscosity  
Viscosity

Vapour pressure Density Partition coefficient: n-octanol/water	ca. 1,25 g/ml	20 °C
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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

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	-

#### 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

# SAFETY DATA SHEET

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

## series 15 - Acrylic-Bronzes (silver)

Article No.  
Version 4.1 ( 14.07.21 )

Issue date: 23.07.21  
Page 6 / 9

### 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.

##### 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 zinc and copper

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## series 15 - Acrylic-Bronzes (silver)

Article No.		Issue date:	23.07.21
Version	4.1 ( 14.07.21 )	Page	7 / 9

### 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

#### 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

# SAFETY DATA SHEET

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

## series 15 - Acrylic-Bronzes (silver)

Article No.		Issue date:	23.07.21
Version	4.1 ( 14.07.21 )	Page	8 / 9

### 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 [%]

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. 7,5

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)	H225 Highly flammable liquid and vapour.
	H228 Flammable solid.
	H319 Causes serious eye irritation.
	H336 May cause drowsiness or dizziness.

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<b>Article No.</b>		<b>Issue date:</b>	<b>23.07.21</b>
<b>Version</b>	<b>4.1 ( 14.07.21 )</b>	<b>Page</b>	<b>9 / 9</b>

### 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