

MATERIAL SAFETY DATA SHEET

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

series 15 - Acrylic-Bronzes (silver)

Article No.		Issue date:	07.12.15
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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name 15 825 - 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-Labor:
Mo-Do 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 / 30 68
67 90**

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.

2.2 Label elements

Labelling (CLP)



Signal word Warning

Hazard statements
H319 Causes serious eye irritation.

Safety precautions
P102 Keep out of reach of children.
P270 Do not eat, drink or smoke when using this product.

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P273 Avoid release to the environment.
P312 Call a POISON CENTER/doctor if you feel unwell.
P391 Collect spillage.
P501 Dispose of contents/container to ###.

2.3 Other hazards

Contains 1,2-Benzisothiazole-3(2H)-on and 2-Methyl-2H-isothiazol-3-one. May produce an allergic reaction.

SECTION 3: Composition / information on ingredients

3.1 Substances

Chemical characterization

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: 10 - 20 %
CAS-Number: 7429-90-5
REACH registration No.: 01-2119529243-45
Classification according to EC regulation 1272/2008 (CLP):
Flam. Sol. 1; H228

Substance 2

Propan-2-ol: 5,0 - 7,5 %
CAS-Number: 67-63-0
REACH registration No.: 01-2119457558-25
Classification according to EC regulation 1272/2008 (CLP):
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

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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

water High power 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

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8.1 Control parameters

7429-90-5 aluminium

DEU	WEL	10,000	mg/m ³	-
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67-63-0 propan-2-ol

DEU	WEL	200,000	mL/m ³	-
DEU	WEL	500,000	mg/m ³	2 (II); DEG; Y

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

Physical state 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

Partition coefficient: n-octanol/water

Explosive properties

Vapour pressure

Density ca. 1,25 g/ml 20 °C

PH value 8 9

Viscosity dynamic of

Viscosity dynamic up to

Viscosity kinematic of

Viscosity kinematic up to

9.2 Other information

SECTION 10: Stability and reactivity

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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

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

Toxicological tests

7429-90-5 aluminium

inhalative	LC50	Rat		5,000	mg/L	4h
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67-63-0 propan-2-ol

oral	LD50	Rat		5050,000	mg/kg	-
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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

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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

Ecotoxicological effects

67-63-0 propan-2-ol

not required	LC50	fish		1000,000	mg/L	(96h)
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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

14.2 UN proper shipping name

ADR, ADN No dangerous good in sense of these transport regulations.

IMDG, IATA

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

Code: ADR/RID

Kemmler-number

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Hazard label ADR
Limited quantities
Contaminated packaging: Instructions
Contaminated packaging: Special provisions
Special provisions for packing together
Portable tanks: Instructions
Portable tanks: Special provisions
Tank coding
Tunnel restriction
Remarks
EQ
Special provisions

Inland waterway craft

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

Sea transport

EmS
Special provisions
Limited quantities
Contaminated packaging: Instructions
Contaminated packaging: 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

Hazard
Passenger
Passenger LQ
Cargo
ERG
Remarks
EQ
Special Provisioning

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

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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

Bezeichner in aktueller

Sprache fehlt!

Further regulations, limitations and legal requirements
Federal Regulations
State Regulations

USA

Further regulations, limitations and legal requirements
Federal Regulations
State Regulations
Signal Word
WARNING !
Principal Hazards
Causes serious eye irritation.
Hazardous Ingredients
Contains Aluminium.
Hazard Statement
-
Precaution Statement
Do not eat, drink or smoke when using this product. Avoid release to the environment.
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.

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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)

- 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.