

MATERIAL SAFETY DATA SHEET

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

AERO final lacquer

| | | | |
|-------------|----------------|-------------|----------|
| Article No. | | Issue date: | 26.01.17 |
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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name
50 610 - AERO final lacquer, glossy
50 611 - AERO final lacquer, matt
50 612 - AERO final lacquer, soft-touch

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) 30-30686790**

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to EC regulation 1272/2008 (CLP)

no hazard labelling required

2.2 Label elements

Labelling (CLP)

Signal word

Hazard statements

no hazard labelling required

Safety precautions

2.3 Other hazards

Contains 1,2-Benzisothiazol-3(2H)-one, 2-Methyl-2H-isothiazol-3-one. May produce an allergic

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reaction. (EUH208)

SECTION 3: Composition / information on ingredients

3.1 Substances

Chemical characterisation

polyurethane dispersion
polyacrylate dispersion
water

CAS-Number
EINECS / ELINCS / NLP
EU index number
Customs tariff number
REACH registration No.
RTECS-no.
Hazchem-Code
CI-Number

3.2 Mixtures

Additional information

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

In case of inhalation

Seek medical attention if problems persist.

In case of skin contact

Thoroughly wash skin with soap and water. In case of skin irritation, consult a physician.

After eye contact

Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Seek medical attention if irritation persists.

After swallowing

If you feel unwell, seek medical advice.

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

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

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6.1 Personal precautions, protective equipment and emergency procedures

Avoid contact with the substance.

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

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents) and place in closed containers for disposal. refer to section ###

Additional information

6.4 Reference to other sections

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advices on safe handling

Avoid contact with the substance.

Precautions against fire and explosion

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storerooms and containers

Keep container tightly closed. Store at temperatures not exceeding 40 °C/105 °F.

Hints on joint storage

Storage class

Further details

7.3 Specific end use(s)

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.2 Exposure controls

Occupational exposure controls

Respiratory protection

Use appropriate respiratory protection. Particle filter device (DIN EN 143)

Hand protection

Protect skin by using skin protective cream. Avoid contact with skin.

Eye protection

Goggles

Body protection

Wear suitable protective clothing.

General protection and hygiene measures

Avoid contact with eyes and skin. Wash hands before breaks and after work.

SECTION 9: Physical and chemical properties

9.1 information on basic physical and chemical properties

| | |
|--------|---------------|
| Form | liquid |
| Colour | - |
| Odour | weak aromatic |

| | min | max |
|---|-------|--------|
| Initial boiling point and boiling range | 95 °C | 105 °C |
| Melting point/freezing point | | |
| Flash point/flash point range | | |
| Flammability | | |

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Ignition temperature
Auto-ignition temperature
Explosion limits
Refraction index

Partition coefficient: n-octanol/water
Danger of explosion

Vapour pressure
Density 1,1 g/ml
PH value

Viscosity dynamic of
Viscosity dynamic up to

Viscosity kinematic of
Viscosity kinematic up to

9.2 Other information

SECTION 10: Stability and reactivity

10.1 Reactivity

Product is stable under normal storage conditions.

10.2 Chemical stability

10.3 Possibility of hazardous reactions

10.4 Conditions to avoid

Store at temperatures not exceeding 40 °C/105 °F. Keep cool.

10.5 Incompatible materials

10.6 Hazardous decomposition products

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity
The statement is derived from the properties of the single components.

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

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity
Water Hazard Class 2

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WGK catalog number

General information

Do not allow to enter into ground-water, surface water or drains.

12.2 Persistence and degradability

Further details

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

Ecotoxicological effects

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Waste key number

080 112 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

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Kemmler-number
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 [%] 0 %
Contents of VOC
[g/L]
Further regulations, limitations and legal requirements

Germany

Storage class
Water Hazard Class 2
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 [%]
Further regulations, limitations and legal requirements

USA

State Regulations
Signal Word
Principal Hazards
Hazardous Ingredients
Hazard Statement
Precaution Statement
First aid Statements
Children's Statement
Required Statements

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)

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

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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