

SAFETY DATA SHEET

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

series 16 - AKADEMIE Aquarell

Article No.
Version 3 (05.01.17)

Issue date: 05.01.17
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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name series 16 - AKADEMIE Aquarell
fine artists' water-colours

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) 30-30686790
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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 reaction. (EUH208)

SECTION 3: Composition / information on ingredients

3.1 Substances

Chemical characterisation
pigment
gum arabic

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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
annex

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

Handle in accordance with good industrial hygiene and safety practice. When using do not eat, drink, smoke, sniff.

In case of inhalation

No special measures are required. Seek medical treatment in case of troubles.

In case of skin contact

Thoroughly wash skin with soap and water. Seek medical attention if irritation persists.

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

Rinse mouth immediately and drink plenty of water. Get medical advice/attention if you feel unwell.

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

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

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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.

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 - 30 °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

8.2 Exposure controls

Occupational exposure controls

Respiratory protection

With correct and proper use, and under normal conditions, breathing protection is not required.

Hand protection

Protect skin by using skin protective cream.

Eye protection

No special measures are required.

Body protection

No special handling advices are necessary.

General protection and hygiene measures

Handle in accordance with good industrial hygiene and safety practice.

SECTION 9: Physical and chemical properties

9.1 information on basic physical and chemical properties

Form	solid
Colour	pigmented
Odour	odourless

	min	max
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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

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Partition coefficient: n-octanol/water
Danger of explosion

Vapour pressure

Density 1,1 -
1,6 g/ml
PH value 6 -
7

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

10.2 Chemical stability

10.3 Possibility of hazardous reactions

10.4 Conditions to avoid

frost and heat

10.5 Incompatible materials

10.6 Hazardous decomposition products

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

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

Acute toxicity, irritation of the skin and mucous membrane, and mutagenic potential of the preparation were assessed by the manufacturer on the basis of the data available on the main components.

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

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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

Ecotoxicological effects

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Waste key number
08 01 12 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
Hazard label ADR
Limited quantities
Contaminated packaging: Instructions
Contaminated packaging: Special provisions
Special provisions for packing together

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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

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 [%]
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)

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

Appendix for material safety data sheet no.: 16 000 000
AKADEMIE® Aquarell

art.nr.	art.name	C.I.		CAS-nr.
16111	opaque white	PW6	Titanium dioxide	13463-67-7
16222	light lemon yellow	PY3	Monoazo	6486-23-3
16224	cadmium yellow hue	PY151	Benzimidazolone	61036-28-0
16225	Indian yellow	PY110; PY154	Isoindolinone; Benzimidazolone	5590-18-1; 68134-22-5
16226	Naples yellow	PW6; PR242; PY42	Titanium dioxide; Disazocondensation; Hydrated iron oxide	13463-67-7; 118440-67-8; 20344-49-4
16330	orange	PO71	Diketo-pyrrolo-pyrrol	71832-85-4
16332	cadmium red hue	PR255	Diketo-pyrrolo-pyrrol	120500-90-5
16333	carmine	PV19	Quinacridone	1047-16-1
16336	magenta	PV42	Quinacridone	-
16440	violet	PV16	Manganese-ammonium pyrophosphate	10101-66-3
16442	indigo	PB15:1; PB66	Phthalocyanine (Cu); Indigo, synthetic	147-14-8; 482-89-3
16443	ultramarine	PB29	Sodium aluminum silicate	57455-37-5
16445	Prussian blue	PB27	Iron-cyan-complex	14038-43-8; 25869-98-1
16448	cyan	PB15:3	Phthalocyanine (Cu)	147-14-8
16551	brilliant green	PG7	Phthalocyanine (Cu, Cl)	1328-53-6
16552	may green	PY151; PG7	Benzimidazolone; Phthalocyanine (Cu, Cl)	61036-28-0; 1328-53-6
16553	permanent green	PO62; PG7	Benzimidazolone; Phthalocyanine (Cu, Cl)	75601-68-2; 1328-53-6
16554	olive green yellowish	PO62; PG36	Benzimidazolone; Phthalocyanine complex (Cu, Cl, Br)	75601-68-2; 14302-13-7
16660	yellow ochre	PY42	Hydrated iron oxide	20344-49-4
16664	burnt umber	PBr7	Earth pigment	-
16665	sepia	PB15:1; PBr7; PBk6	Phthalocyanine (Cu); Earth pigment; Lamp black	147-14-8; -; 1333-86-4
16666	English red	PR101	Iron oxide	1309-37-1
16770	Payne's grey	PR101; PBk7; PB29	Iron oxide; Lamp black; Sodium aluminum silicate	1309-37-1; 1333-86-4; 57455-37-5
16782	black	PBk6	Lamp black	1333-86-4