

# SAFETY DATA SHEET

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

## series 16 - AKADEMIE Aquarell

Article No.		Issue date:	05.01.17
Version	3 ( 05.01.17 )	Page	1 / 8

### 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
-------------------------------------	---

### 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

# SAFETY DATA SHEET

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

## series 16 - AKADEMIE Aquarell

Article No.		Issue date:	05.01.17
Version	3 ( 05.01.17 )	Page	2 / 8

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**

# SAFETY DATA SHEET

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

## series 16 - AKADEMIE Aquarell

Article No.		Issue date:	05.01.17
Version	3 ( 05.01.17 )	Page	3 / 8

### 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

#### 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

# SAFETY DATA SHEET

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

## series 16 - AKADEMIE Aquarell

Article No.		Issue date:	05.01.17
Version	3 ( 05.01.17 )	Page	4 / 8

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 mebrane, 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

# SAFETY DATA SHEET

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

## series 16 - AKADEMIE Aquarell

Article No.		Issue date:	05.01.17
Version	3 ( 05.01.17 )	Page	5 / 8

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

# SAFETY DATA SHEET

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

## series 16 - AKADEMIE Aquarell

Article No.		Issue date:	05.01.17
Version	3 ( 05.01.17 )	Page	6 / 8

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

# SAFETY DATA SHEET

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

## series 16 - AKADEMIE Aquarell

Article No.		Issue date:	05.01.17
Version	3 ( 05.01.17 )	Page	7 / 8

### 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

Article No.		Issue date:	05.01.17
Version	3 ( 05.01.17 )	Page	8 / 8



**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