

# SAFETY DATA SHEET

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

## series 23 - AKADEMIE Acryl color

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

#### 1.1 Product identifier

**Trade name** series 23 - AKADEMIE Acryl color & AKADEMIE Acryl color Ink  
fine artists' acrylic colours

**Name INCI**

**Name Ph. Eur.**

**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)**

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Contains biocidal products.  
Contains BIT, CIT, MIT, OIT, Bronopol: May produce an allergic reaction. (AKADEMIE Acryl color)  
Contains BIT, CIT, MIT, OIT. May produce an allergic reaction. (AKADEMIE Acryl color INK)  
Full text of biocides: see section 16.

### 2.3 Other hazards

## SECTION 3: Composition / information on ingredients

### 3.1 Substances

#### Chemical characterisation

copolymer  
pigment  
Water  
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

-- 23 800 --  
aluminium: < 7,5 %  
CAS: 7429-90-5  
REACH: 01-2119529243-45  
Flam. Sol. 1; H228

#### Substance 2

-- 23 800 --  
propan-2-ol: < 5,0 %  
CAS: 67-63-0  
REACH: 01-2119457558-25  
Eye Irrit. 2; H319 / Flam. Liq. 2; H225 / STOT SE 3;  
H336

#### Additional information

Further information: annex

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### General information

No special measures are required.

#### In case of inhalation

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

#### In case of skin contact

Remove residues with soap and water. Seek medical attention if irritation persists.

#### 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

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings. Product is non-combustible. Extinguishing materials should therefore be selected according to surroundings.

#### Extinguishing media which must not be used for safety reasons

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.

#### 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: 10 - 25 °C

### 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

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DEU	WEL	200,000	mL/m <sup>3</sup>	-
DEU	WEL	380,000	mg/m <sup>3</sup>	4 (II); DFG; Y

### 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

Safety glasses

##### Body protection

Wear suitable protective clothing. Take off contaminated clothing and wash it before reuse.

##### General protection and hygiene measures

Wash hands before breaks and after work.

## SECTION 9: Physical and chemical properties

### 9.1 information on basic physical and chemical properties

Form	pasty (AKADEMIE Acryl color) liquid (AKADEMIE Acryl color Ink)
Colour	pigmented
Odour	weak

	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	10	
Viscosity			
Viscosity			
Vapour pressure			
Density		1,1 - 1,4 kg/l	20 °C
Partition coefficient: n-octanol/water			

Danger of explosion

### 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

strong oxidizing agents

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### 10.6 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

##### 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

## 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

WGK 1:

23111 / 23113 / 23115 / 23221 / 23341 /  
23342 / 23343 / 23344 / 23348 / 23440 /  
23441 / 23442 / 23443 / 23445 / 23446 /  
23448 / 23449 / 23450 / 23551 / 23553 /  
23558 / 23655 / 23656 / 23657 / 23658 /  
23659 / 23660 / 23661 / 23662 / 23663 /  
23665 / 23667 / 23668 / 23669 / 23770 /  
23771 / 23800 / 23801 / 23802 / 23806 /  
23840 / 23845 / 23850 / 23855

WGK 2:

23222 / 23223 / 23224 / 23225 / 23227 /  
23230 / 23232 / 23333 / 23335 / 23340 /  
23444 / 23447 / 23552 / 23554 / 23557 /  
23560

WGK 3:

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23226 / 23228

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 waste paint and varnish other than those mentioned in 08 01 11  
Recommendation

#### Contaminated packaging

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

### 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

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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

### Sea transport (IMDG)

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 (IATA-DGR)

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

##### Germany

Storage class

Water Hazard Class

WGK 1:

23111 / 23113 / 23115 / 23221 / 23341 / 23342 / 23343 / 23344 / 23348 / 23440 / 23441 /  
23442 / 23443 / 23445 / 23446 / 23448 / 23449 / 23450 / 23551 / 23553 / 23558 / 23655 /  
23656 / 23657 / 23658 / 23659 / 23660 / 23661 / 23662 / 23663 / 23665 / 23667 / 23668 /

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23669 / 23770 / 23771 / 23800 / 23801 / 23802 / 23806 / 23840 / 23845 / 23850 / 23855

WGK 2:

23222 / 23223 / 23224 / 23225 / 23227 / 23230 / 23232 / 23333 / 23335 / 23340 / 23444 /  
23447 / 23552 / 23554 / 23557 / 23560

WGK 3:

23226 / 23228

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 [%]

0 %

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.

### **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**



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### 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