SAFETY DATA SHEET

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

series 23 - AKADEMIE Acryl color

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

1.1 Product identifier

Trade name series 23 - AKADEMIE Acryl color
fine artists' acrylic 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	**Emergencycall Berlin (24h - counseling in german and english)**
Phone #	**+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)

Classification according to Directive 67/548/EEC or 1999/45/EC

no hazard labelling required

2.2 Label elements

Labelling (CLP)

Signal word ---

Hazard statements

Safety precautions

Labelling (67/548/EEC or 1999/45)

Nature of Hazard

no hazard labelling required

R phrase(s)

S phrase(s)

2.3 Other hazards

SECTION 3: Composition / information on ingredients

3.1 Substances

Chemical characterization

Bezeichner in aktueller Sprache fehlt! 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

: Classification according to Directive 67/548/EEC or 1999/45/EC:
Nature of Hazard: Xn / R phrase(s): 20/21/22 - 36/38
Classification according to EC regulation 1272/2008 (CLP):
Acute Tox. 4; H302 / Eye Irrit. 2; H319 / Skin Irrit. 2; H315

Additional 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

In case of skin contact

After eye contact

After swallowing

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

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 - 40 °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

DEU	WEL	10,000	mL/m³	-
DEU	WEL	49,000	mg/m³	-

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

Eye protection

Body protection

General protection and hygiene measures

SECTION 9: Physical and chemical properties

9.1 information on basic physical and chemical properties

Physical state	liquid
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	---	---	---
Partition coefficient: n-octanol/water	---		
Explosive properties	---		
Vapour pressure	---	---	---
Density	1,1 - 1,4 g/ml	20 °C	---
PH value	8,0 - 10	---	---
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

Toxicological tests

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity

Water Hazard Class ---

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

Ecotoxicological effects

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product
Waste key number
080112 ---
Waste paint and varnish other than those mentioned in 080111 (waste paint and varnish containing organic solvents or other dangerous substances
).

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	---
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

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 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

R phrase(s)

R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
R36/38 Irritating to eyes and skin.

Hazard statements (CLP)

H302 Harmful if swallowed.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H311+H331 Toxic in contact with skin or if inhaled.

Further information

This information is abased 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

Reason of change

Additional information

Appendix for material safety data sheet no.: 23 000 000

AKADEMIE® Acryl color fine artists' acrylic colours

	23 111	titanium white	PW 6	Titanium dioxide	13463-67-7
	23 113	buff titanium light	PW 5; PW 7	Barium sulfate; Zinc sulphide	1345-05-7; 1314-98-3
	23 115	mineral white	PW 6; PY 119	Titanium dioxide; Spinel (Zn, Fe)	13463-67-7; 68186-90-3
	23 221	ivory	PW 6; PY 53	Titanium dioxide; Rutile (Ti, Ni, Sb)	13463-67-7; 8007-18-9
	23 222	lemon yellow	PY 3	Monoazo	6486-23-3
	23 223	cadmium yellow hue	PY 74	Monoazo	6358-31-2
	23 224	primary yellow	PW 6; PY 3; PY 74	Titanium dioxide; Monoazo; Monoazo	13463-67-7; 6486-23-3; 6358-31-2
	23 225	chrome yellow hue	PY 42; PY 74	Hydrated iron oxide; Monoazo	20344-49-4; 6358-31-2
	23 226	Indian yellow	PY 83	Diaryl	5567-15-7
	23 227	cadmium orange hue	PY 74; PO 43	Monoazo; Perinone	6358-31-2; 4424-06-0
	23 228	cadmium yellow hue deep	PY 74; PY 83; PBr 24	Monoazo; Diaryl; Rutile (Ti, Cr, Sb)	6358-31-2; 5567-15-7; 68186-90-3
	23 230	orange	PO 5	Perinone	4424-06-0
	23 331	flesh colour	PW 6; PR 101; PR 255; PBr 24	Tit. dioxide; Iron oxide; Diketo-pyrrolo-pyrrol; Rutile (Ti, Cr, Sb)	13463-67-7; 1309-37-1; 120500-90-5; 68186-90-3
	23 333	vermilion red	PR 112	Naphthol AS	6535-46-2
	23 335	cadmium red hue	PR 112; PR 170; PBr 24	Naphthol AS; Naphthol AS; Rutile (Ti, Cr, Sb)	6535-46-2; 2786-76-7; 68186-90-3
	23 340	carmine red	PR 170	Naphthol AS	2786-76-7
	23 341	cadmium red hue dark	PR 101; PR 112; PR 170	Iron oxide; Naphthol AS; Naphthol AS	1309-37-1; 6535-46-2; 2786-76-7
	23 343	alizarin crimson hue	PR 179	Perylen	5521-31-3
	23 344	indigo	PW 6; PR 122	Titanium dioxide; Quinacridone	13463-67-7; 980-26-7
	23 348	lilac	PW 6; PV 23; PB 29	Titanium dioxide; Dioxazine; Sodium aluminum silicate	13463-67-7; 6358-30-1; 57455-37-5
	23 440	brilliant violet	PV 23	Dioxazine	6358-30-1
	23 441	royal blue	PW 6; PV 23; PB 15:1	Titanium dioxide; Dioxazine; Phthalocyanine (Cu)	13463-67-7; 6358-30-1; 147-14-8
	23 442	ultramarine blue	PB 29	Sodium aluminum silicate	57455-37-5
	23 443	cobalt blue hue deep	PW 6; PV 23; PB 15:1	Titanium dioxide; Dioxazine; Phthalocyanine (Cu)	13463-67-7; 6358-30-1; 147-14-8
	23 444	indigo	PR 101; PB 15:1	Iron oxide; Phthalocyanine (Cu)	1309-37-1; 147-14-8
	23 446	primary blue cyan	PW 6; PB 15:3	Titanium dioxide; Phthalocyanine (Cu)	13463-67-7; 147-14-8
	23 447	Prussian blue	PB 60	Indanthrone	81-77-6
	23 448	phthalo blue	PB 15:3	Phthalocyanine (Cu)	147-14-8
	23 449	cerulean blue	PW 6; PB 15:3	Titanium dioxide; Phthalocyanine (Cu)	13463-67-7; 147-14-8
	23 450	turquoise	PW 6; PB 15:; PG 7	Titanium dioxide; Phthalocyanine (Cu); Phthalocyanine (Cu, Cl)	13463-67-7; 147-14-8; 1328-53-6
	23 551	phthalo green	PG 7	Phthalocyanine (Cu, Cl)	1328-53-6
	23 552	leaf green	PY 74; PB 15.1	Monoazo; Phthalocyanine (Cu)	6358-31-2; 147-14-8
	23 553	phthalo green light	PG 36	Phthalocyanine complex (Cu, Cl, Br)	14302-13-7
	23 554	permanent green	PW 5; PW 7; PY 3; PY 74; PG 7	Barium sulfate; Zinc sulphide; Monoazo; Monoazo; Phthalocyanine (Cu, Cl)	1345-05-7; 1314-98-3; 6486-23-3; 6358-31-2; 1328-53-6
	23 557	may green	PY 74; PG 36	Monoazo; Phthalocyanine complex (Cu, Cl, Br)	6358-31-2; 14302-13-7
	23 558	olive green	PY 42; PG 36	Hydrated iron oxide; Phthalocyanine complex (Cu, Cl, Br)	20344-49-4; 14302-13-7
	23 560	sap green	PY 83; PB 60	Diaryl; Indanthrone	5567-15-7; 81-77-6
*	**23 655**	raw sienna	PY 42; PBr 25	Hydrated iron oxide; Rutile (Ti, Cr, Sb)	20344-49-4; 68186-90-3
	23 656	raw umber light	PY 42; PBk 7	Hydrated iron oxide; Lamp black	20344-49-4; 1333-86-4

H. Schmincke Co. GmbH Co. KG ● Finest artists' colours ● Otto-Hahn-Str. 2 ● D-40699 Erkrath
tel.: +49 (0) 211 - 2509 - 0 ● fax: +49 (0) 211 - 2509 - 461 ● www.schmincke.de ● info@schmincke.de

Appendix for material safety data sheet no.: 23 000 000

AKADEMIE® Acryl color fine artists' acrylic colours

	23 657	pebble grey	PW 6; PY 42; PBk 7	Titanium dioxide; Hydrated iron oxide; Lamp black	13463-67-7; 20344-49-4; 1333-86-4
*	**23 658**	Paynes' grey	PW 5; PW 6; PB 15:1; PB 60; PBk 7; PBk 11	Barium sulfate; Titanium dioxide; Phthalocyanine (Cu); Indanthrone; Lamp black; Iron oxide black	1345-05-7; 13463-67-7; 147-14-8; 81-77-6; 1333-86-4; 1317-61-9
	23 659	Naples yellow	PBr 24	Rutile (Ti, Cr, Sb)	68186-90-3
	23 660	buff titanium deep	PW 6; PY 42; PBr 24; PBk 10	Titanium dioxide; Hydrated iron oxide; Rutile (Ti, Cr, Sb); Crystallized carbon	13463-67-7; 20344-49-4; 68186-90-3; 7782-42-5
	23 661	yellow ochre	PY 42	Hydrated iron oxide	20344-49-4
	23 662	flesh tint	PW 6; PY 42; PR 101	Titanium dioxide; Hydrated iron oxide; Iron oxide	13463-67-7; 20344-49-4; 1309-37-1
	23 663	terracotta	PY 42; PR 101	Hydrated iron oxide; Iron oxide	20344-49-4; 1309-37-1
	23 665	Burnt sienna	PR 101	Iron oxide	1309-37-1
	23 667	raw umber	PY 42; PR 101; PBk 7	Hydrated iron oxide; Iron oxide; Lamp black	20344-49-4; 1309-37-1; 1333-86-4
	23 668	Vandyke brown	PR 101; PBk 7	Iron oxide; Lamp black	1309-37-1; 1333-86-4
	23 669	burnt umber	PBr 6; PBk 7	Brown coal; Lamp black	72669-22-8; 1333-86-4
*	**23 770**	mars black	PBk 11	Iron oxide black	1317-61-9
	23 771	lamp black	PBk 7; PBk 11	Lamp black; Iron oxide black	1333-86-4; 1317-61-9
	23 800	silver	Effektpigment; Aluminium	Effectpigment; Aluminum	-; -
	23 801	gold	Effektpigment	Effectpigment	-
	23 802	copper	Effektpigment	Effectpigment	-
	23 806	graphite	PBk 10	Crystallized carbon	7782-42-5
*	**23 840**	fluorescent white	fluoreszierendes Pigment	Effectpigment	-
*	**23 845**	neon yellow	fluoreszierendes Pigment	Effectpigment	-
*	**23 850**	neon orange	fluoreszierendes Pigment	Effectpigment	-
*	**23 855**	neon pink	fluoreszierendes Pigment	Effectpigment	-

H. Schmincke Co. GmbH Co. KG ● Finest artists' colours ● Otto-Hahn-Str. 2 ● D-40699 Erkrath
tel.: +49 (0) 211 - 2509 - 0 ● fax: +49 (0) 211 - 2509 - 461 ● www.schmincke.de ● info@schmincke.de