

SAFETY DATA SHEET

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

series 22 - AKADEMIE Gouache

Article No.	22100011	white, opaque	Issue date:	06.11.19
Version	4.1	(06.11.19)	Page	1 / 7

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

1.1 Product identifier

Trade name series 22 - AKADEMIE Gouache
fine artists' gouache

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-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
Phone #	(24h - counseling in german and english)
	+49 (0) 30-30686700

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to EC regulation 1272/2008 (CLP)

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

2.2 Label elements

Labelling

Signal word

Hazard statements

no hazard labelling required

Safety precautions

Text for labelling (CLP)

Contains biocidal products. Contains BIT, CIT, MIT, OIT: May produce an allergic reaction.
Full text of biocides: see section 16.

2.3 Other hazards

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SECTION 3: Composition / information on ingredients

3.1 Substances

Chemical characterisation

pigment
PVA (Polyvinyl alcohol)
Water
additives

CAS-Number
EINECS / ELINCS / NLP
EU index number
REACH registration No.
Hazchem-Code

3.2 Mixtures

Additional information

further information: see appendix

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

If you feel unwell, seek medical advice (show the label where possible).

In case of inhalation

Provide fresh air. Seek medical attention if problems persist.

In case of skin contact

Remove residues with soap and water. In case of skin irritation, consult a physician.

After eye contact

If product gets into the eye, keep eyelid open and rinse immediately with large quantities of water, for at least 10 - 15 minutes. Seek medical attention if irritation persists.

After swallowing

Rinse mouth thoroughly with water. Seek medical treatment in case of troubles.

4.2 Most important symptoms and effects, both acute and delayed

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

Product is non-combustible. Extinguishing materials should therefore be selected according to surroundings.

Extinguishing media which must not be used for safety reasons

none

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

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Use appropriate respiratory protection.

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

Collect spilled material using paper towels and dispose.

Additional information

6.4 Reference to other sections

Dispose of waste according to applicable legislation.

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

No special measures are required.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storerooms and containers

No special measures are necessary.

Hints on joint storage

Storage class

Further details

Protect from frost and exposure to sun.

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

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

Dust protection eye glasses

Body protection

Wear suitable protective clothing.

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	pasty
Colour	pigmented
Odour	almost odourless

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Initial boiling point and boiling range	min 100 °C	max	
Melting point/freezing point			
Flash point/flash point range			
Flammability			
Ignition temperature			
Auto-ignition temperature			
Explosion limits			
Refraction index			
PH value	6	8	20 °C
Viscosity			
Viscosity			
Vapour pressure			
Density		1,3 - 1,5 g/ml	20 °C
Partition coefficient: n-octanol/water			

Danger of explosion

9.2 Other information

SECTION 10: Stability and reactivity

10.1 Reactivity

No known hazardous reactions.

10.2 Chemical stability

10.3 Possibility of hazardous reactions

10.4 Conditions to avoid

Protect from frost and exposure to sun.

10.5 Incompatible materials

10.6 Hazardous decomposition products

No known hazardous decomposition products.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

No data available

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

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Aquatic toxicity
No data available

Water Hazard Class 1
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 080112 waste paint and varnish other than those mentioned in 080111
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

14.6 Special precautions for user

Land transport (ADR/RID)

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Code
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

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 [%] 0 %

Contents of VOC

[g/L]

Further regulations, limitations and legal requirements

Germany

Storage class

Water Hazard Class 1

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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

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

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

The information in this data sheet has been established to our best knowledge and was up-to-date at time of revision. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.

Appendix for material safety data sheet no.: 22 000 000

AKADEMIE® Gouache

art.nr.	art.name	C.I.		CAS-nr.
22100	white, opaque	PW6	Titanium dioxide	13463-67-7
22200	lemon yellow	PY3	Monoazo	6486-23-3
22205	primary yellow	PY3; PY74	Monoazo; Monoazo	6486-23-3; 6358-31-2
22210	Indian yellow	PY83	Diaryl	5567-15-7
22215	orange	PO64	Benzimidazolone	75601-68-2
22220	vermilion red	PR255	Diketo-pyrrolo-pyrrol	120500-90-5
22303	signal red	PR254	Diketo-pyrrolo-pyrrol	122390-98-1
22305	carmine	PR170	Naphthol AS	2786-76-7
22312	bordeaux	PR254; PR101	Diketo-pyrrolo-pyrrol; Iron oxide	122390-98-1; 1309-37-1
22315	primary magenta	PR122	Quinacridone	980-26-7
22320	violet blue	PW6; PB15:1; PV23	Titanium dioxide; Phthalocyanine (Cu); Dioxazine	13463-67-7; 147-14-8; 6358-30-1
22400	Prussian blue	PB15:1; PR101	Phthalocyanine (Cu); Iron oxide	147-14-8; 1309-37-1
22403	indigo	PB15:1; PR101; PBk7	Phthalocyanine (Cu); Iron oxide; Lamp black	147-14-8; 1309-37-1; 1333-86-4
22405	ultramarine	PB29; PB15:1; PV23	Sodium aluminum silicate; Phthalocyanine (Cu); Dioxazine	57455-37-5; 147-14-8; 6358-30-1
22410	primary cyan	PW6; PB15:3	Titanium dioxide; Phthalocyanine (Cu)	13463-67-7; 147-14-8
22450	turquoise	PB15:3; PG7	Phthalocyanine (Cu); Phthalocyanine (Cu, Cl)	147-14-8; 1328-53-6
22500	phthalo green	PG7	Phthalocyanine (Cu, Cl)	1328-53-6
22505	green	PY3; PG7	Monoazo; Phthalocyanine (Cu, Cl)	6486-23-3; 1328-53-6
22515	may green	PY74; PG36	Monoazo; Phthalocyanine complex (Cu, Cl, Br)	6358-31-2; 14302-13-7
22520	sap green	PG7; PY42	Phthalocyanine (Cu, Cl); Hydrated iron oxide	1328-53-6; 20344-49-4
22525	olive green	PG36; PY42	Phthalocyanine complex (Cu, Cl, Br); Hydrated iron oxide	14302-13-7; 20344-49-4
22600	yellow ochre	PY42	Hydrated iron oxide	20344-49-4
22603	raw Sienna	PBr25; PY42	Rutile (Ti, Cr, Sb); Hydrated iron oxide	68186-90-3; 20344-49-4
22605	burnt Sienna	PR101; PY42/PR101/PBk11	Iron oxide; Iron oxide mix	1309-37-1; 72669-22-8
22610	burnt umber	PY42/PR101/PBk11; PBk7	Iron oxide mix; Lamp black	72669-22-8; 1333-86-4
22620	sand	PBr24; PY42	Rutile (Ti, Cr, Sb); Hydrated iron oxide	68186-90-3; 20344-49-4
22715	grey	PW6; PBk7	Titanium dioxide; Lamp black	13463-67-7; 1333-86-4
22750	deep black	PBk7; PBk11	Lamp black; Iron oxide black	1333-86-4; 1317-61-9
22800	silver	Effektpigment	Effectpigment	-
22801	gold	Effektpigment	Effectpigment	-