

SAFETY DATA SHEET

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

series 28 - AERO COLOR Professional

Article No.		Issue date:	06.07.16
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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name series 28 - AERO COLOR Professional
Finest airbrush colours
Fines acrylic ink

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, reaction mass of:
5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-4-isothiazolin-3-one [EC
no. 220-239-6] (3:1). May produce an allergic reaction. (EUH208)

SECTION 3: Composition / information on ingredients

3.1 Substances

Chemical characterisation

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pure acrylate
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

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

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

Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Seek medical attention if irritation persists.

After swallowing

Rinse mouth 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

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.

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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

8.2 Exposure controls

Occupational exposure controls

Respiratory protection

During spraying wear suitable respiratory equipment.

Dust mask

Hand protection

Protect skin by using skin protective cream.

Eye protection

Goggles

Body protection

Wear suitable protective clothing. Wash contaminated clothing prior to re-use.

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	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

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Auto-ignition temperature

Explosion limits

Refraction index

Partition coefficient: n-octanol/water

Danger of explosion

Vapour pressure

Density ca. 20 °C

1,1 g/ml

PH value 7,5 9,5

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 1

WGK catalog number

General information

12.2 Persistence and degradability

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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 080112 waste paint and varnish other than those mentioned in 080111

Recommendation

Contaminated packaging

Waste key number

Recommendation

Non-contaminated packages may be recycled.

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

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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 [%] 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

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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.:28 000 000

AERO COLOR® Professional

art.nr.	art.name	C.I.		CAS-nr.
28100	transparent white	PW6	Titanium dioxide	13463-67-7
28101	SUPRA-white, opaque	PW6	Titanium dioxide	13463-67-7
28200	titanium yellow green shade	PY3; PG36	Monoazo; Phthalocyanine complex (Cu, Cl, Br)	6486-23-3; 14302-13-7
28201	lemon yellow	PY3	Monoazo	6486-23-3
28202	primary yellow	PY74	Monoazo	6358-31-2
28203	Indian yellow	PY83	Diaryl	5567-15-7
28204	cadmium orange hue	PY74; PO43	Monoazo; Perinone	6358-31-2; 4424-06-0
28205	red orange	PO43	Perinone	4424-06-0
28300	scarlet	PR112	Naphthol AS	6535-46-2
28301	red madder dark	PR179	Perylen	5521-31-3
28302	carmin	PR170	Naphthol AS	2786-76-7
28304	primary magenta	PR122	Quinacridone	980-26-7
28305	violet	PV23	Dioxazine	6358-30-1
28306	brilliant red	PR254	Diketo-pyrrolo-pyrrol	122390-98-1
28400	indigo	PR122; PB15:1; PG36; PBk7	Quinacridone; Phthalocyanine (Cu); Phthalocyanine complex (Cu, Cl, Br); Lamp black	980-26-7; 147-14-8; 14302-13-7; 1333-86-4
28401	Prussian blue	PV23; PG7	Dioxazine; Phthalocyanine (Cu, Cl)	6358-30-1; 1328-53-6
28402	ultramarine	PB15:1; PV23	Phthalocyanine (Cu); Dioxazine	147-14-8; 6358-30-1
28403	sapphire blue	PB15:1	Phthalocyanine (Cu)	147-14-8
28404	cobalt blue	PB28	Spinel (Co, Al)	1345-16-0
28405	primary blue cyan	PB15:3; PG36	Phthalocyanine (Cu); Phthalocyanine complex (Cu, Cl, Br)	147-14-8; 14302-13-7
28406	turquoise blue	PB16	Phthalocyanine	574-93-6
28500	phthalo green	PG7	Phthalocyanine (Cu, Cl)	1328-53-6
28501	brilliant green	PG36; PY74	Phthalocyanine complex (Cu, Cl, Br); Monoazo	14302-13-7; 6358-31-2
28502	permanent green	PG36; PY74	Phthalocyanine complex (Cu, Cl, Br); Monoazo	14302-13-7; 6358-31-2
28503	olive green	PY83; PO5; PG7	Diaryl; Monoazo; Phthalocyanine (Cu, Cl)	5567-15-7; 3468-63-1; 1328-53-6
28504	chromium oxide green brilliant	PG7; PBr25	Phthalocyanine (Cu, Cl); Rutile (Ti, Cr, Sb)	1328-53-6; 68186-90-3
28600	gold ochre	PY83; PV23	Diaryl; Dioxazine	5567-15-7; 6358-30-1
28601	Sienna	PY3; PBr25	Monoazo; Rutile (Ti, Cr, Sb)	6486-23-3; 68186-90-3
28602	brown Brazil	PY83; PV23	Diaryl; Dioxazine	5567-15-7; 6358-30-1
28603	sepia	PBr25; PG7; PBk7	Rutile (Ti, Cr, Sb); Phthalocyanine (Cu, Cl); Lamp black	68186-90-3; 1328-53-6; 1333-86-4
28604	burnt Sienna	PBr25	Rutile (Ti, Cr, Sb)	68186-90-3
28605	flesh tint	PW6; PO34; PBr25	Titanium dioxide; Disazopyrazolone; Rutile (Ti, Cr, Sb)	13463-67-7; 15793-73-4; 68186-90-3
* 28606	dark brown	PG7; PBr25	Phthalocyanine (Cu, Cl); Rutile (Ti, Cr, Sb)	1328-53-6; 68186-90-3
28700	pale grey	PW6; PBk7	Titanium dioxide; Lamp black	13463-67-7; 1333-86-4
28701	neutral grey	PY74; PR122; PB15:3	Monoazo; Quinacridone; Phthalocyanine (Cu)	6358-31-2; 980-26-7; 147-14-8
28702	black	PBk7	Lamp black	1333-86-4

Appendix for material safety data sheet no.:28 000 000

AERO COLOR® Professional

art.nr.	art.name	C.I.		CAS-nr.
* 28821	brilliant yellow	PY74	Monoazo	6358-31-2
* 28826	naphthol orange	PO5	Monoazo	3468-63-1
* 28831	cadmium red hue	PR254	Diketo-pyrrolo-pyrrol	122390-98-1
* 28833	ruby red	PR170	Naphthol AS	2786-76-7
* 28838	dioxazine violet	PV23	Dioxazine	6358-30-1
* 28841	phthalo blue	PV15:3	Sodium aluminum silicate	12769-96-9
* 28843	dark blue	PB60	Indanthrone	81-77-6
* 28847	phthalo turquoise	PB16	Phthalocyanine	574-93-6
* 28851	phthalo green yellow shade	PG36	Phthalocyanine complex (Cu, Cl, Br)	14302-13-7
* 28858	chromium oxide green	PG17	Hematite (Cr)	1308-38-9
* 28867	English red	PR101	Iron oxide	1309-37-1
* 28869	Vandyke brown	PBr25; PBk7	Rutile (Ti, Cr, Sb); Lamp black	68186-90-3; 1333-86-4
28900	AERO SHINE silver	-	Effectpigment	-
28901	AERO SHINE gold	-	Effectpigment	-
28902	AERO SHINE blue	-	Effectpigment	-
28903	AERO METALLIC red	-; PR179	Effectpigment; Perylen	-; 5521-31-3
28904	AERO METALLIC blue	-; PB15:1	Effectpigment; Phthalocyanine (Cu)	-; 147-14-8
28905	AERO METALLIC green	-; PG7	Effectpigment; Phthalocyanine (Cu, Cl)	-; 1328-53-6
28906	AERO METALLIC brill.silver	-	Aluminum	-
28907	AERO METALLIC dark ice	-	Effectpigment	-
28908	AERO METALLIC dark copper	-	Effectpigment	-
28909	AERO VISION silver violet	-	Effectpigment	-
28910	AERO VISION gold red	-	Effectpigment	-
28911	AERO VISION space	-	Effectpigment	-
28912	AERO SHINE red	-	Effectpigment	-