

SAFETY DATA SHEET

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

series 33 - College Acrylic

Article No.
Version 2 (14.04.16)

Issue date: 14.04.16
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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name series 33 - College Acrylic
Artists' acrylic colours in student quality

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
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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 characterization

Water
copolymer

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pigment
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

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

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

Co-ordinate fire-fighting measures to the fire surroundings.

Extinguishing media which must not be used for safety reasons

High power 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.

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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

Disposal: see 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

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	pasty
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

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Vapour pressure
Density 1,1 - 20 °C
1,4 g/ml
PH value 8 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

strong oxidizing agents

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

Further details

Product is partially biodegradable.

Oxygen demand

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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

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

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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

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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.: 33 000 000

College® Acrylic

art.nr.	art.name	C.I.		CAS-nr.
33 100	white	PW6	Titanium dioxide	13463-67-7
33 200	ivory	PW6; PY53	Titanium dioxide; Rutile (Ti, Ni, Sb)	13463-67-7; 8007-18-9
33 210	lemon yellow	PY3; PW5	Monoazo; Barium sulfate	6486-23-3; 1345-05-7
33 220	college yellow	PY74; PW5	Monoazo; Barium sulfate	6358-31-2; 1345-05-7
33 230	Indian yellow	PY83; PW5	Diaryl; Barium sulfate	5567-15-7; 1345-05-7
33 240	orange	PO5; PY74; PY83; PW5	Monoazo; Monoazo; Diaryl; Barium sulfate	3468-63-1; 6358-31-2; 5567-15-7; 1345-05-7
33 250	red orange	PO5; PY83; PW5	Monoazo; Diaryl; Barium sulfate	3468-63-1; 5567-15-7; 1345-05-7
33 300	vermilion red	PR112; PY83; PW5	Naphthol AS; Diaryl; Barium sulfate	6535-46-2; 5567-15-7; 1345-05-7
33 310	permanent red	PR112; PR122; PW5	Naphthol AS; Quinacridone; Barium sulfate	6535-46-2; 980-26-7; 1345-05-7
33 320	carmine red	PR170; PR101	Naphthol AS; Iron oxide	2786-76-7; 1309-37-1
33 340	Bordeaux	PR112; PV23; PW5	Naphthol AS; Dioxazine; Barium sulfate	6535-46-2; 6358-30-1; 1345-05-7
33 350	college magenta	PR122; PW5	Quinacridone; Barium sulfate	980-26-7; 1345-05-7
33 360	lavender	PW6; PB29; PR122	Titanium dioxide; Sodium aluminum silicate; Quinacridone	13463-67-7; 57455-37-5; 980-26-7
33 370	violet	PV23; PR122; PW5	Dioxazine; Quinacridone; Barium sulfate	6358-30-1; 980-26-7; 1345-05-7
33 400	indigo	PB15:1; PR101; PW5	Phthalocyanine (Cu); Iron oxide; Barium sulfate	147-14-8; 1309-37-1; 1345-05-7
33 410	ultramarine blue	PB29; PB15:1	Sodium aluminum silicate; Phthalocyanine (Cu)	57455-37-5; 147-14-8
33 420	cobalt blue hue	PV23; PB15:1; PW5	Dioxazine; Phthalocyanine (Cu); Barium sulfate	6358-30-1; 147-14-8; 1345-05-7
33 430	college cyan	PB15:1; PB15:3	Phthalocyanine (Cu); Phthalocyanine (Cu)	147-14-8; 147-14-8
33 440	azure blue light	PW6; PB15:3	Titanium dioxide; Phthalocyanine (Cu)	13463-67-7; 147-14-8
33 450	azure blue deep	PW6; PB15:3	Titanium dioxide; Phthalocyanine (Cu)	13463-67-7; 147-14-8
33 460	turquoise	PW6; PB15:3; PG7	Titanium dioxide; Phthalocyanine (Cu); Phthalocyanine (Cu, Cl)	13463-67-7; 147-14-8; 1328-53-6
33 510	may green	PY74; PG7; PW5	Monoazo; Phthalocyanine (Cu, Cl); Barium sulfate	6358-31-2; 1328-53-6; 1345-05-7
33 515	olive green	PY42; PR101; PY74; PG7	Hydrated iron oxide; Iron oxide; Monoazo; Phthalocyanine (Cu, Cl)	20344-49-4; 1309-37-1; 6358-31-2; 1328-53-6
33 520	leaf green	PY74; PY83; PG7; PW5	Monoazo; Diaryl; Phthalocyanine (Cu, Cl); Barium sulfate	6358-31-2; 5567-15-7; 1328-53-6; 1345-05-7
33 530	emerald green	PG7	Phthalocyanine (Cu, Cl)	1328-53-6
33 600	Sahara	PW6; PBr24; PY42	Titanium dioxide; Rutile (Ti, Cr, Sb); Hydrated iron oxide	13463-67-7; 68186-90-3; 20344-49-4
33 610	ochre	PY42; PY53	Hydrated iron oxide; Rutile (Ti, Ni, Sb)	20344-49-4; 8007-18-9
33 620	medium brown	PR101	Iron oxide	1309-37-1
33 630	deep brown	PR101; PBk7	Iron oxide; Lamp black	1309-37-1; 1333-86-4
33 635	umber	PR101; PBk7; PY42	Iron oxide; Lamp black; Hydrated iron oxide	1309-37-1; 1333-86-4; 20344-49-4
33 640	terracotta reddish	PR101	Iron oxide	1309-37-1
33 650	flesh	PW6; PY42; PR101	Titanium dioxide; Hydrated iron oxide; Iron oxide	13463-67-7; 20344-49-4; 1309-37-1
33 700	stone grey	PW6; PBk10; PY42	Titanium dioxide; Crystallized carbon; Hydrated iron oxide	13463-67-7; 7782-42-5; 20344-49-4
33 710	black	PBk11; PBk7	Iron oxide black; Lamp black	1317-61-9; 1333-86-4
33 800	silver	-	Aluminum	-
33 810	gold	-	Mica	-