

# SAFETY DATA SHEET

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

## series 31 - College Oil

Article No.  
Version 2 ( 02.05.18 )

Issue date: 02.05.18  
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### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

Trade name series 31 - College Oil  
Artists' oil 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

<b>Emergency Information</b> <b>Phone #</b>	<b>Emergencycall Berlin</b> <b>(24h - counseling in german and english)</b> <b>+49 (0) 30-30686700</b>
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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

### SECTION 3: Composition / information on ingredients

#### 3.1 Substances

##### Chemical characterisation

oil pigment siccative

CAS-Number

EINECS / ELINCS / NLP

EU index number

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Customs tariff number  
REACH registration No.  
RTECS-no.  
Hazchem-Code  
CI-Number

### **3.2 Mixtures**

#### **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**

Provide fresh air. Seek medical attention if problems persist.

#### **In case of skin contact**

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

#### **After eye contact**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. 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**

## 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**

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### 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

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

Avoid contact with eyes.

##### Body protection

Wash contaminated clothing prior to re-use.

##### General protection and hygiene measures

No special handling advices are necessary. Wash hands thoroughly after handling.

## SECTION 9: Physical and chemical properties

### 9.1 information on basic physical and chemical properties

Form	liquid
Colour	pigmented
Odour	weak

min	max
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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

Danger of explosion

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

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

#### 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

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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 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

Code: ADR/RID

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

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### 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 1  
WGK catalog number  
Incident regulation  
Information on working limitations

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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

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.: 31 000 000**  
**Artists' oil colours in student quality**

art.nr.	art.name	C.I.		CAS-nr.
31100	titanium white	PW6	Titanium dioxide	13463-67-7
31120	ivory	PW6; PY53	Titanium dioxide; Rutile (Ti, Ni, Sb)	13463-67-7; 8007-18-9
31130	portrait	PW5; PW6; PY42; PR101	Bariumsulfat; Titandioxid; Eisenoxidhydrat; Eisenoxid	1345-05-7; 13463-67-7; 20344-49-4; 1309-37-1
31210	lemon yellow	PY3; PY53; PG19	Monoazo; Rutile (Ti, Ni, Sb); Spinel (Co, Zn)	6486-23-3; 8007-18-9; 8011-87-8
31220	College yellow	PY74	Monoazo	6358-31-2
31240	Indian yellow	PY3; PY42	Monoazo; Hydrated iron oxide	6486-23-3; 20344-49-4
31330	carmin red	PO 13	Diaryl	3520-72-7
31310	vermillion red	PR112	Naphthol AS	6535-46-2
31330	carmin red	PR170	Naphthol AS	2786-76-7
31340	Alizarin crimson hue	PR101; PR122	Iron oxide; Quinacridone	1309-37-1; 980-26-7
31350	College magenta	PR122	Quinacridone	980-26-7
31370	violet	PW6; PR122; PV23	Titanium dioxide; Quinacridone; Dioxazine	13463-67-7; 980-26-7; 6358-30-1
31410	ultramarine blue	PB29	Sodium aluminum silicate	57455-37-5
31430	College cyan	PW5; PW6; PB15:1; PB29	Barium sulfate; Titanium dioxide; Phthalocyanine (Cu); Sodium aluminum silicate	1345-05-7; 13463-67-7; 147-14-8; 57455-37-5
31440	Prussian blue	PB15:1; PV23; PBk7	Phthalocyanine (Cu); Dioxazine; Lamp black	147-14-8; 6358-30-1; 1333-86-4
31500	phthalo green	PG7	Phthalocyanine (Cu, Cl)	1328-53-6
31510	nature green	PY74; PB29; PG7	Monoazo; Sodium aluminum silicate; Phthalocyanine (Cu, Cl)	6358-31-2; 57455-37-5; 1328-53-6
31520	may green	PW5; PY3; PY74; PG7	Barium sulfate; Monoazo; Monoazo; Phthalocyanine (Cu, Cl)	1345-05-7; 6486-23-3; 6358-31-2; 1328-53-6
31600	yellow ochre	PY42	Hydrated iron oxide	20344-49-4
31630	burnt Sienna	PY42; PR101	Hydrated iron oxide; Iron oxide	20344-49-4; 1309-37-1
31650	burnt umber	PY42; PR101; PBk7	Hydrated iron oxide; Iron oxide; Lamp black	20344-49-4; 1309-37-1; 1333-86-4
31710	lamp black	PBk7; PBk11	Lamp black; Iron oxide black	1333-86-4; 1317-61-9
31800	silver	Effectpigment	Effectpigment	-
31810	gold	Effectpigment	Effectpigment	-