

# SAFETY DATA SHEET

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

## series 31 - College Oil

Article No.  
Version

1 ( 05.02.15 )

Issue date: 05.02.15  
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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

#### 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

### SECTION 3: Composition / information on ingredients

#### 3.1 Substances

Chemical characterization

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oil pigment siccative

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**

**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**

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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

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

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### Explosive properties

### Vapour pressure

Density 1,1 - 20 °C  
1,4 g/ml

### 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

## 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

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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

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

Kemmler-number

Hazard label ADR

Limited quantities

Contaminated packaging: Instructions

Contaminated packaging: Special provisions

Special provisions for packing together

Portable tanks: Instructions

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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

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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

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

### College<sup>®</sup> Oil artists' oil colours

<b>31 100</b>	titanium white	PW 6	Titanium dioxide	13463-67-7
<b>31 120</b>	ivory	PW 6; PY 53	Titanium dioxide; Rutile (Ti, Ni, Sb)	13463-67-7; 8007-18-9
<b>31 130</b>	portrait	PW 5; PW 6; PY 42; PR 101	Barium sulfate; Titanium dioxide; Hydrated iron oxide; Iron oxide	1345-05-7; 13463-67-7; 20344-49-4; 1309-37-1
<b>31 210</b>	lemon yellow	PY 3; PY 53; PG 19	Monoazo; Rutile (Ti, Ni, Sb); Spinel (Co, Zn)	6486-23-3; 8007-18-9; 8011-87-8
<b>31 220</b>	College yellow	PY 74	Monoazo	6358-31-2
<b>31 240</b>	Indian yellow	PY 3; PY 42	Monoazo; Hydrated iron oxide	6486-23-3; 20344-49-4
<b>31 300</b>	carmin red	PO 13	Diaryl	3520-72-7
<b>31 310</b>	vermillion red	PR 112	Naphthol AS	6535-46-2
<b>31 330</b>	carmin red	PR 170	Naphthol AS	2786-76-7
<b>31 340</b>	alizarin crimson hue	PR 101; PR 122	Iron oxide; Quinacridone	1309-37-1; 980-26-7
<b>31 350</b>	College magenta	PR 122	Quinacridone	980-26-7
<b>31 370</b>	violet	PW 6; PR 122; PV 23	Titanium dioxide; Quinacridone; Dioxazine	13463-67-7; 980-26-7; 6358-30-1
<b>31 410</b>	ultramarine blue	PB 29	Sodium aluminum silicate	57455-37-5
<b>31 430</b>	College cyan	PW 5; PW 6; PB 15:1; PB 29	Barium sulfate; Titanium dioxide; Phthalocyanine (Cu); Sodium aluminum silicate	1345-05-7; 13463-67-7; 147-14-8; 57455-37-5
<b>31 440</b>	Prussian blue	PB 15:1; PV 23; PBk 7	Phthalocyanine (Cu); Dioxazine; Lamp black	147-14-8; 6358-30-1; 1333-86-4
<b>31 500</b>	phthalo green	PG 7	Phthalocyanine (Cu, Cl)	1328-53-6
<b>31 510</b>	nature green	PY 74; PB 29; PG 7	Monoazo; Sodium aluminum silicate; Phthalocyanine (Cu, Cl)	6358-31-2; 57455-37-5; 1328-53-6
<b>31 520</b>	may green	PW 5; PY 3; PY 74; PG 7	Barium sulfate; Monoazo; Monoazo; Phthalocyanine (Cu, Cl)	1345-05-7; 6486-23-3; 6358-31-2; 1328-53-6
<b>31 600</b>	yellow ochre	PY 42	Hydrated iron oxide	20344-49-4
<b>31 630</b>	burnt Sienna	PY 42; PR 101	Hydrated iron oxide; Iron oxide	20344-49-4; 1309-37-1
<b>31 650</b>	burnt umber	PY 42; PR 101; PBk 7	Hydrated iron oxide; Iron oxide; Lamp black	20344-49-4; 1309-37-1; 1333-86-4
<b>31 710</b>	lamp black	PBk 7; PBk 11	Lamp black; Iron oxide black	1333-86-4; 1317-61-9
<b>31 800</b>	silver	Iriodin	Iriodin	-
<b>31 810</b>	gold	Iriodin	Iriodin	-