

**SAFETY DATA SHEET**

01902-1000

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

**series 18 - Pigments**  
**(without Cadmium- & Cobalt-pigments)**

Article No.

Version

6 ( 20.11.17 )

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

**1.1 Product identifier**

**Trade name** series 18 - Pigments (without Cadmium- & Cobalt-pigments)  
 Finest artists' pigments

**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**

P260 Do not breathe dust.

**2.3 Other hazards**

**SECTION 3: Composition / information on ingredients**

**3.1 Substances**

**Chemical characterisation** 01902-1040, 01902-1050, 01902-1120, 01902-1190, 01902-2020, 01902-2190, 01902-2250, 01902-2270, 01902-2290, 01902-3150, 01902-3280, 01902-3380, 01902-3400, 01902-3510, 01902-3620, 01902-3630, 01902-3780, 01902-3790, 01902-4040, 01902-4060, 01902-4160, 01902-4190, 01902-4510, 01902-4930, 01902-5160, 01902-5200, 01902-5220, 01902-5250, 01902-5300, 01902-5390, 01902-5910, 01902-6640, 01902-6730, 01902-7110, 01902-7210, 01902-7650, 01902-7820, 01902-8020, 01902-8040, 01902-8050, 01902-8070, 01902-8310, 01902-9030

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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****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**

In case of allergic symptoms, especially in the breathing area, seek medical advice immediately.

**In case of skin contact**

Wash with generous amount of water and soap. May cause sensitisation especially in sensitive humans. Frequently or prolonged contact with skin may cause dermal irritation.

**After eye contact**

In case of contact with eyes, rinse immediately 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****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 water Full water jet,

**5.2 Special hazards arising from the substance or mixture**

In case of fire may be liberated: sulphur oxides, 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**

Item Numbers: 01902-1000, 01902-1010, 01902-1040, 01902-1050, 01902-1120, 01902-1190, 01902-2020, 01902-2190, 01902-2250, 01902-2270, 01902-2290, 01902-3150, 01902-3280, 01902-3380, 01902-3400, 01902-3510, 01902-3600, 01902-3620, 01902-3630, 01902-3780, 01902-3790, 01902-4040, 01902-4060, 01902-4160, 01902-4190, 01902-4510, 01902-4930, 01902-5160, 01902-5200, 01902-5220, 01902-5250, 01902-5300,

**6.2 Environmental precautions**

Item Numbers: 01902-2710, 01902-7210, 01902-7650, 01902-7820, 01902-8020, 01902-8040, 01902-8050, 01902-8070, 01902-8310, 01902-9030

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Discharge into the environment must be avoided.

### 6.3 Methods and material for containment and cleaning up

#### Methods for cleaning up

Take up mechanically, placing in appropriate containers for disposal.

#### 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

Do not breathe dust. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin.  
Avoid dust formation. Wash hands before breaks and after work.

#### 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

Protect from moisture contamination.

### 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 the formation of dust, use a dust mask.

##### Hand protection

Protect skin by using skin protective cream.

##### Eye protection

In case of dust formation: tightly sealed goggles according to EN 166

##### Body protection

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

##### General protection and hygiene measures

When using do not eat, drink or smoke. Wash hands before breaks and after work.

## SECTION 9: Physical and chemical properties

### 9.1 information on basic physical and chemical properties

Form Powder

Colour -

Odour odourless not required Product specific

min max

Initial boiling point and

boiling range

Melting point/freezing point

Flash point/flash point range

Flammability

Item numbers: 01902-0100, 01902-0101, 01902-0102, 01902-0103, 01902-0104, 01902-1050, 01902-1120, 01902-1190, 01902-2020, 01902-2190, 01902-2250, 01902-2270, 01902-2290, 01902-3150, 01902-3280, 01902-3380, 01902-3400, 01902-3510, 01902-3600, 01902-3620, 01902-3630, 01902-3780, 01902-3790, 01902-4040, 01902-4060, 01902-4160, 01902-4190, 01902-4510, 01902-4930, 01902-5160, 01902-5200, 01902-5220, 01902-5250, 01902-5300, 01902-5390, 01902-5910, 01902-6640, 01902-6730, 01902-7110, 01902-7210, 01902-7650, 01902-7820, 01902-8020, 01902-8040, 01902-8050, 01902-8070, 01902-8310, 01902-9030

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Ignition temperature  
Auto-ignition temperature  
Explosion limits  
Refraction index

Partition coefficient: n-octanol/water  
Danger of explosion

Vapour pressure  
Density 3 - 20 °C  
5 g/ml

PH value 0 0

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**

No hazardous reaction when handled and stored according to provisions.

**10.2 Chemical stability**

Product is stable under normal storage conditions.

**10.3 Possibility of hazardous reactions****10.4 Conditions to avoid**

none heat

On heating or in case of fire toxic gases may form.

**10.5 Incompatible materials**

strong acids

**10.6 Hazardous decomposition products**

none

**SECTION 11: Toxicological information****11.1 Information on toxicological effects****Acute toxicity**

LD50( Rat): > 5000 mg/kg

Data arise from reference works and literature.

**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**

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**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**

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**

Send to a hazardous waste incinerator facility under observation of official regulations.

**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 numbers: 01902-1000, 01902-1010, 01902-1040, 01902-1050, 01902-1120, 01902-1190, 01902-2020, 01902-2190, 01902-2250, 01902-2270, 01902-2290, 01902-3150, 01902-3280, 01902-3380, 01902-3400, 01902-

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01902-5390, 01902-5910, 01902-6640, 01902-6730, 01902-7110, 01902-7210, 01902-7650, 01902-7820, 01902-8020, 01902-8040, 01902-8050, 01902-8070, 01902-8310, 01902-9030

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### 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  
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

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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  
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**

Item Numbers: 01902-1000, 01902-1010, 01902-1040, 01902-1050, 01902-1120, 01902-1190, 01902-2020, 01902-2190, 01902-2250, 01902-2270, 01902-2290, 01902-3150, 01902-3280, 01902-3380, 01902-3400, 01902-3510, 01902-3600, 01902-3620, 01902-3630, 01902-3780, 01902-3790, 01902-4040, 01902-4060, 01902-4160, 01902-4190, 01902-4510, 01902-4930, 01902-5100, 01902-5200, 01902-5220, 01902-5250, 01902-5300, 01902-5390, 01902-5910, 01902-6640, 01902-6730, 01902-7110, 01902-7210, 01902-7650, 01902-7820, 01902-8020, 01902-8040, 01902-8050, 01902-8070, 01902-8310, 01902-9030

**SECTION 16: Other information**

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**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.~~

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## Appendix for material safety data sheet no.: 18 000 000

### Pigments - Finest artists' pigments

| art.nr. | art.name                       | C.I.        | CAS-nr.                                                       |
|---------|--------------------------------|-------------|---------------------------------------------------------------|
| 18103   | titanium white                 | PW6         | Titanium dioxide<br>13463-67-7                                |
| 18234   | nickel yellow titanium         | PY53        | Rutile (Ti, Ni, Sb)<br>8007-18-9                              |
| 18236   | chrome yellow titanium         | PB24        | Rutile (Ti, Cr, Sb)<br>68186-90-3                             |
| 18237   | lemon yellow                   | PY3         | Monoazo<br>6486-23-3                                          |
| 18239   | brilliant yellow               | PY154       | Benzimidazolone<br>68134-22-5                                 |
| 18240   | Indian yellow                  | PY153       | Nickel-complex<br>68859-51-8                                  |
| 18241   | red orange                     | PO 36       | Benzimidazolone<br>12236-62-3                                 |
| 18252   | orange                         | PO 62       | Benzimidazolone<br>75601-68-2                                 |
| 18357   | ultramarine red                | PV15        | Sodium aluminum silicate<br>12769-96-9                        |
| 18363   | cochineal red                  | PR209       | Quinacridone<br>3089-16-5                                     |
| 18367   | alizarine crimson deep         | PR83        | Triarylcarbonium<br>75627-12-2                                |
| 18368   | madder red deep                | PR179       | Perylen<br>5521-31-3                                          |
| 18371   | vermillion red                 | PR255       | Diketo-pyrrolo-pyrrol<br>120500-90-5                          |
| 18372   | naphthol red                   | PR112       | Naphthol AS<br>6535-46-2                                      |
| 18373   | carmine                        | PV19        | Quinacridone<br>1047-16-1                                     |
| 18374   | quinacridone magenta           | PR122       | Quinacridone<br>980-26-7                                      |
| 18481   | quinacridone violet            | PV19        | Quinacridone<br>1047-16-1                                     |
| 18483   | manganese violet               | PV16        | Manganese-ammonium pyrophosphate<br>10101-66-3                |
| 18485   | blue violet                    | PV23        | Dioxazine<br>6358-30-1                                        |
| 18488   | phthalo blue                   | PB15:3      | Phthalocyanine (Cu)<br>147-14-8                               |
| 18490   | ultramarine blue light         | PB29        | Sodium aluminum silicate<br>57455-37-5                        |
| 18491   | indigo                         | PB66        | Indigo, synthetic<br>482-89-3                                 |
| 18493   | Prussian/Paris blue            | PB27        | Iron-cyan-complex<br>14038-43-8; 25869-98-1                   |
| 18495   | phthalo blue reddish           | PB15:6      | Phthalocyanine (Cu)<br>147-14-8                               |
| 18496   | phthalo turquoise              | PB16        | Phthalocyanine<br>574-93-6                                    |
| 18497   | ultramarine violet             | PV15        | Sodium aluminum silicate<br>12769-96-9                        |
| 18498   | azure blue                     | PW6; PB15:3 | Titanium dioxide; Phthalocyanine (Cu)<br>13463-67-7; 147-14-8 |
| 18499   | ultramarine blue deep          | PB29        | Sodium aluminum silicate<br>57455-37-5                        |
| 18505   | chromium oxide green           | PG17        | Hematite (Cr)<br>1308-38-9                                    |
| 18507   | chromium oxide green brilliant | PG18        | Hydrated chromium oxide<br>12001-99-9                         |
| 18508   | phthalo green light            | PG36        | Phthalocyanine complex (Cu, Cl, Br)<br>14302-13-7             |
| 18513   | phthalo green deep             | PG7         | Phthalocyanine (Cu, Cl)<br>1328-53-6                          |
| 18519   | Bohemian green earth           | PG23        | Silicate (Al, Fe)<br>1344-98-5                                |
| 18617   | yellow ochre                   | PY43        | Hydrated iron oxide<br>1309-37-1                              |
| 18621   | gold ochre                     | PY43        | Hydrated iron oxide<br>1309-37-1                              |
| 18623   | raw Sienna                     | PB7         | Earth pigment<br>-                                            |
| 18625   | ferrite yellow                 | PY42        | Hydrated iron oxide<br>20344-49-4                             |
| 18645   | Pompeian red                   | PR101       | Iron oxide<br>1309-37-1                                       |

H. Schmincke Co. GmbH Co. KG • Finest artists' colours • Otto-Hahn-Str. 2 • D-40699 Erkrath  
tel.: +49 (0) 211 - 2509 - 0 • fax: +49 (0) 211 - 2509 - 461 • [www.schmincke.de](http://www.schmincke.de) • [info@schmincke.de](mailto:info@schmincke.de)

Appendix for material safety data sheet no.: 18 000 000  
Pigments - Finest artists' pigments

| art.nr. | art.name              | C.I.                     | CAS-nr.                                    |
|---------|-----------------------|--------------------------|--------------------------------------------|
| 18647   | caput mortuum deep    | PR101                    | Iron oxide                                 |
| 18649   | English red light     | PR101                    | Iron oxide                                 |
| 18655   | Pozzuoli earth        | PR101                    | Iron oxide                                 |
| 18675   | Cassler/Vandyke brown | NB8                      | Brown coal                                 |
| 18679   | burnt Sienna          | PB7                      | Earth pigment                              |
| 18682   | raw umber, greenish   | PB7                      | Earth pigment                              |
| 18683   | burnt umber           | PB7                      | Earth pigment                              |
| 18720   | graphite              | PBK10                    | Crystallized carbon                        |
| 18722   | vine black            | PBK8                     | Nearly pure am. Carbon of vegetable origin |
| 18723   | ivory black           | PBK9                     | Am. carbonized bones of animals            |
| 18727   | mars black            | PBK11                    | Iron oxide black                           |
| 18729   | lamp black            | PBK7                     | Lamp black                                 |
| * 18821 | fluorescent yellow    | fluoreszierendes Pigment | Fluorescent pigment                        |
| * 18822 | fluorescent orange    | fluoreszierendes Pigment | Fluorescent pigment                        |
| * 18823 | fluorescent red       | fluoreszierendes Pigment | Fluorescent pigment                        |
| * 18824 | fluorescent pink      | fluoreszierendes Pigment | Fluorescent pigment                        |
| * 18825 | fluorescent magenta   | fluoreszierendes Pigment | Fluorescent pigment                        |
| * 18826 | fluorescent green     | fluoreszierendes Pigment | Fluorescent pigment                        |
| 18901   | sterling silver       | Effektpigment            | Effectpigment                              |
| 18931   | brilliant gold        | Effektpigment            | Effectpigment                              |

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