

# SAFETY DATA SHEET

00474-XXXX

MSDS for #00474 - SCHMINCKE NORMA Professional Regulation (EC) No. 1907/2006 (REACH)

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## series 11 - NORMA Professional

Article No.	series 11	Issue date:	27.07.22
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### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

Trade name	series 11 - NORMA Professional finest artists' oil-colours
REACH registration No.	---
UFI	---

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

##### General use

Products for creation of art.

##### Uses advised against

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#### 1.3 Details of the supplier of the safety data sheet

H. Schmincke & Co. GmbH & Co. KG  
Otto-Hahn-Strasse 2  
D-40699 Erkrath  
Tel +49 (0) 211 - 2509 - 0  
Fax +49 (0) 211 - 2509 - 479  
info@schmincke.de  
www.schmincke.de  
  
Schmincke-lab:  
mo-th 8.00-16.30, fr 8.00-13.30  
tel. +49 (0) 211-2509-474  
sdb@schmincke.de

#### 1.4 Emergency telephone number

**Emergencycall Berlin**  
**+49 30-30686700**  
**(24/7 counseling in german and english)**

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

##### Classification according to EC regulation 1272/2008 (CLP)

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

#### 2.2 Label elements

##### Labelling

**Signal word** ---**Hazard statements**  
no hazard labelling required**Safety precautions** ---**Text for labelling (CLP)** ---

### SECTION 3: Composition/information on ingredients

#### 3.1 Substances

##### Chemical characterisation

00474-1023, 00474-1024, 00474-1033, 00474-1034, 00474-1083, 00474-1333, 00474-1743, 00474-2023, 00474-2133, 00474-2253, 00474-2254, 00474-2333, 00474-2363, 00474-2563, 00474-3043, 00474-3093, 00474-3143, 00474-3203, 00474-3283, 00474-3373, 00474-3403, 00474-3513, 00474-3613, 00474-3703, 00474-3713, 00474-3723, 00474-3733, 00474-3743, 00474-3753, 00474-4023, 00474-4033, 00474-4043, 00474-4063, 00474-4113, 00474-4163, 00474-4183, 00474-4203, 00474-4523, 00474-4533, 00474-4593, 00474-4773, 00474-4793, 00474-4923, 00474-4933, 00474-5033, 00474-5053, 00474-5153, 00474-5163, 00474-5173, 00474-5183, 00474-5193, 00474-5203, 00474-5223, 00474-5253, 00474-5303, 00474-5343, 00474-5373, 00474-5383, 00474-5913, 00474-5923, 00474-7053, 00474-7073, 00474-7093, 00474-7113, 00474-7123, 00474-7553, 00474-7803, 00474-7863, 00474-7923, 00474-7933, 00474-8013, 00474-8023, 00474-8043, 00474-8063, 00474-8093, 00474-8143, 00474-8153, 00474-8223, 00474-8224, 00474-8313, 00474-8343, 00474-8423, 00474-8433, 00474-8533, 00474-9103, 00474-9333

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oil  
pigment  
siccative  
CAS-Number ---  
EINECS / ELINCS / NLP ---  
EU index number ---  
Customs tariff number ---  
REACH registration No. ---  
Hazchem-Code ---  
CI-Number ---

### 3.2 Mixtures

#### Substance 1

zinc oxide: 0 - 70 %  
CAS: 1314-13-2  
REACH: 01-2119463881-32-0043  
Aquatic Acute 1; H400 / Aquatic Chronic 1; H410

#### Substance 2

2,2,4,6,6-pentamethylheptane: 1 - 5 %  
CAS: 13475-82-6  
REACH: 01-2119490725-xxx  
Aquatic Chronic 4; H413 / Asp. Tox. 1; H304 / Flam. Liq. 3; H226

#### Substance 3

hydrocarbons, C10-C12, isoalkanes, <2% aromatics: 0,5 - 1,5 %  
CAS: 64741-65-7  
REACH: 01-2119471991-xxxx  
Aquatic Chronic 2; H411 / Asp. Tox. 1; H304 / Flam. Liq. 3; H226

#### Additional information

The colours 11 112, 114, 118, 220, 222, 234, 240, 302, 312, 348, 412, 422, 424 contain zinc oxide. (see section 12)  
The colours 11 222, 238, 240, 242, 244, 300, 310, 312, 314 contain cadmium-containing pigments. The use of cadmium containing pigments is limited to artist colors.  
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

Seek medical attention if problems persist.

#### In case of skin contact

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

#### After eye contact

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

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### 4.3 Indication of any immediate medical attention and special treatment needed

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## SECTION 5: Firefighting measures

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MSDS for #00474 - SCHMINCKE NORMA Professional  
Chemical Name: Zinc Oxide, CAS No. 1314-13-2, Regulation (EC) No. 1907/2006 (REACH)

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### 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**  
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### 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**  
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**Additional information**  
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## 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**  
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### 7.2 Conditions for safe storage, including any incompatibilities

**Requirements for storerooms and containers**  
Keep container tightly closed.

**Hints on joint storage**  
---

**Storage class**  
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**Further details**  
storage temperature: from 5 °C to 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

1314-13-2 zinc oxide  
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DEU	Long-term occupational exposur	10,000	mg/m <sup>3</sup>	2 (II)
-----	--------------------------------	--------	-------------------	--------

13475-82-6 2,2,4,6,6-pentamethylheptane

DEU	WEL	300,000	mg/m <sup>3</sup>	-
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### 8.2 Exposure controls

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#### 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

<b>Form</b>	pasty
<b>Colour</b>	pigmented
<b>Odour</b>	weak

	min	max		
<b>Melting point/freezing point</b>	---	---		
<b>Initial boiling point and boiling range</b>	---	---		
<b>Flammability</b>		---		
<b>Explosion limits</b>	---	---		
<b>Flash point/flash point range</b>	---	---		
<b>Ignition temperature</b>	---	---		
<b>PH</b>	---	---	---	---
<b>Viscosity</b>	---	---	---	---
<b>Solubility</b>		---	---	---
<b>Partition coefficient: n-octanol/water</b>		---		
<b>Vapour pressure</b>		---		
<b>Density and/or relative density</b>		1,2 - 2,4 g/ml	20 °C	---
<b>Relative vapour density</b>	---	---	---	---
<b>Auto-ignition temperature</b>	---	---	---	---
<b>Refraction index</b>	---	---	---	---

Danger of explosion

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### 9.2 Other information

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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

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### 10.2 Chemical stability

00474-3283, 00474-3373, 00474-3403, 00474-3513, 00474-3613, 00474-3703, 00474-3713, 00474-3723, 00474-3733, 00474-3743, 00474-3753, 00474-4023, 00474-4033, 00474-4043, 00474-4063, 00474-4123, 00474-4163, 00474-4183, 00474-4203, 00474-4523, 00474-4533, 00474-4593, 00474-4773, 00474-4793, 00474-4923, 00474-4933, 00474-5033, 00474-5053, 00474-5153, 00474-5163, 00474-5173, 00474-5183, 00474-5193, 00474-5203, 00474-5223, 00474-5253, 00474-5303, 00474-5343, 00474-5373, 00474-5383, 00474-5913, 00474-5923, 00474-7053, 00474-7073, 00474-7093, 00474-7113, 00474-7123, 00474-7553, 00474-7803, 00474-7863, 00474-7923, 00474-7933, 00474-8013, 00474-8023, 00474-8043, 00474-8063, 00474-8093, 00474-8143, 00474-8153, 00474-8223, 00474-8224, 00474-8313, 00474-8343, 00474-8423, 00474-8433, 00474-8533, 00474-9103, 00474-9333

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### **10.3 Possibility of hazardous reactions**

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### **10.4 Conditions to avoid**

frost and heat

### **10.5 Incompatible materials**

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### **10.6 Hazardous decomposition products**

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## SECTION 11: Toxicological information

### **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

<b>Toxicological tests</b>						
1314-13-2	zinc oxide					
oral	LD50	Rat	>	5000,00000	mg/kg	-
inhalative	LC50	Rat	>	5,70000	mg/L	(4h)
<b>Toxicological tests</b>						
64741-65-7	hydrocarbons, C10-C12, isoalkanes, <2% aromatics					
oral	LD50	Rat	>	5000,00000	mg/kg	-
dermal	LD50	mg/kg	>	5000,00000	Rat	-

<b>Toxicokinetics, metabolism and distribution</b>						
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<b>Acute toxicity</b>						
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<b>In case of inhalation</b>						
No data available						
<b>After swallowing</b>						
No data available						
<b>In case of skin contact</b>						
No data available						
<b>After eye contact</b>						
No data available						

<b><u>Practical experience</u></b>						
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<b><u>General remarks</u></b>						
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<b><u>11.2 Information on other hazards</u></b>						
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## SECTION 12: Ecological information

<b><u>12.1 Toxicity</u></b>						
<b>Ecotoxicological effects</b>						
1314-13-2	zinc oxide					
		LC50	Danio rerio (zebrafish)	4,92000	mg/L	(96h)
		EC50	Daphnia magna (Big Water)	7,50000	mg/L	(48h)
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ErC50:	Algae		0,30000	mg/L	(72h)
NOEC	Daphnia magna (Big water		0,05800	mg/L	(21d)
LOEC:	Daphnia magna (Big water		0,13100	mg/L	(21d)

### Ecotoxicological effects

64741-65-7 hydrocarbons, C10-C12, isoalkanes, <2% aromatics

LC50	fish	>	100,00000	mg/L	-
EC50	Daphnia magna (Big water	>	100,00000	mg/L	-

### Aquatic toxicity

EC50 Desmodesmus subspicatus > 114 mg/l ... for all zinc oxide containing colours (Hydrotox; 05/2224)

### Water Hazard Class

1

### WGK catalog number

---

### General information

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## 12.2 Persistence and degradability

### Further details

Product is partially biodegradable.

### Oxygen demand

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## 12.3 Bioaccumulative potential

### Bioconcentration factor (BCF)

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### Partition coefficient: n-octanol/water

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## 12.4 Mobility in soil

No data available

## 12.5 Results of PBT and vPvB assessment

No data available

## 12.6 Endocrine disrupting properties

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## 12.7 Other adverse effects

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## 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

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##### Recommendation

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#### Package

##### Waste key number

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##### Recommendation

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

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### Additional information

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## SECTION 14: Transport information

### 14.1 UN number or ID number

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### 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 (ADR/RID)

Code: ADR/RID ---  
Kemmler-number ---  
Hazard label ADR ---  
Limited quantities ---  
Package: Instructions ---  
Package: Special Provisions ---  
Special provisions for packing together ---  
Portable tanks: Instructions ---  
Portable tanks: Special Provisions ---  
Tank coding ---  
Tunnel restriction ---  
Remarks ---  
EQ ---  
Special Provisions ---

#### Sea transport (IMDG)

EmS ---  
Special Provisions ---  
Limited quantities ---  
Package: Instructions ---  
Package: 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 (IATA-DGR)

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Hazard	---
Passenger	---
Passenger LQ	---
Cargo	---
ERG	---
Remarks	---
EQ	---
Special Provisioning	---

### 14.7 Maritime transport in bulk according to IMO instruments

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	---
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##### Great Britain

Further regulations, limitations and legal requirements	---
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##### Switzerland

Contents of VOC [%]	< 5 %
Further regulations, limitations and legal requirements	---

##### USA

Further regulations, limitations and legal requirements	---
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#### Federal Regulations

Item Numbers: 00474-1023, 00474-1024, 00474-1033, 00474-1034, 00474-1083, 00474-1333, 00474-1743, 00474-2023, 00474-2133, 00474-2253, 00474-2254, 00474-2333, 00474-2363, 00474-2563, 00474-3043, 00474-3093, 00474-3143, 00474-3203, 00474-3283, 00474-3373, 00474-3403, 00474-3513, 00474-3613, 00474-3703, 00474-3713, 00474-3723, 00474-3733, 00474-3743, 00474-3753, 00474-4023, 00474-4033, 00474-4043, 00474-4063, 00474-4123, 00474-4163, 00474-4183, 00474-4203, 00474-4523, 00474-4533, 00474-4593, 00474-4773, 00474-4793, 00474-4923, 00474-4933, 00474-5033, 00474-5053, 00474-5153, 00474-5163, 00474-5173, 00474-5183, 00474-5193, 00474-5203, 00474-5223, 00474-5253, 00474-5303, 00474-5343, 00474-5373, 00474-5383, 00474-5913, 00474-5923, 00474-7053, 00474-7073, 00474-7093, 00474-7113, 00474-7123, 00474-7553, 00474-7803, 00474-7863, 00474-7923, 00474-7933, 00474-8013, 00474-8023, 00474-8043, 00474-8063, 00474-8093, 00474-8143, 00474-8153, 00474-8223, 00474-8224, 00474-8313, 00474-8343, 00474-8423, 00474-8433, 00474-8533, 00474-9103, 00474-9333



# SAFETY DATA SHEET

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## series 11 - NORMA Professional

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### State Regulations

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### Japan

Further regulations, limitations and legal requirements

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### Canada

Further regulations, limitations and legal requirements

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## 15.2 Chemical Safety Assessment

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## SECTION 16: Other information

### Further information

#### Hazard statements (CLP)

H226 Flammable liquid and vapour.  
H304 May be fatal if swallowed and enters airways.  
H400 Very toxic to aquatic life.  
H410 Very toxic to aquatic life with long lasting effects.  
H411 Toxic to aquatic life with long lasting effects.  
H413 May cause long lasting harmful effects to aquatic life.

#### 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

REGULATION (EU) 2020/217 - ATP 14

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

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#### Additional information

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Die Angaben in diesem Datenblatt sind nach bestem Wissen zusammengestellt und entsprechen dem Stand der Kenntnis zum Überarbeitungsdatum.

Sie sichern jedoch nicht die Einhaltung bestimmter Eigenschaften im Sinne der Rechtsverbindlichkeit zu.

00474-1024, 00474-1033, 00474-1034, 00474-1083, 00474-1333, 00474-1743, 00474-2023, 00474-2133, 00474-2253, 00474-2254, 00474-2333, 00474-2363, 00474-2563, 00474-3043, 00474-4023, 00474-4033, 00474-4043, 00474-4063, 00474-4123, 00474-4163, 00474-4183, 00474-4203, 00474-4523, 00474-4533, 00474-4593, 00474-4773, 00474-4793, 00474-4923, 00474-4933, 00474-5033, 00474-5053, 00474-5153, 00474-5163, 00474-5173, 00474-5183, 00474-5193, 00474-5203, 00474-5223, 00474-5253, 00474-5303, 00474-5343, 00474-5373, 00474-5383, 00474-5913, 00474-5923, 00474-7053, 00474-7073, 00474-7093, 00474-7113, 00474-7123, 00474-7553, 00474-7803, 00474-7863, 00474-7923, 00474-7933, 00474-8013, 00474-8023, 00474-8043, 00474-8063, 00474-8093, 00474-8143, 00474-8153, 00474-8223, 00474-8224, 00474-8313, 00474-8343, 00474-8423, 00474-8433, 00474-8533, 00474-9103, 00474-9333



## Appendix for safety data sheet no.: 1100000EN

Art. Nr.	Art. Name	C.I.	
11616	caput mortuum	PR101	iron oxide
11618	transparent red brown	PR101	iron oxide
11620	agate brown	PR101	iron oxide
11622	raw umber	PBr7	earth pigment
11624	burnt umber	PBr7	earth pigment
11626	Vandyke brown	PR101; PR179; PBk7	iron oxide; perylene; lamp black
11700	neutral black	PR179; PG7	peryene; phthalocyanine (Cu, Cl)
11702	black iron oxide	PBk11	black iron oxide
11704	ivory black	PBk9	amorphous carbon produced by charring animal bones
11706	Payne's grey	PBk9; PV23; PB29	amorphous carbon produced by charring animal bones; dioxazine; ultramarine blue
11708	warm grey	PW6; PG17; PR101	titanium dioxide; hematite (Cr); iron oxide
11710	cold grey	PW6; PBk11; PG18; PY42	titanium dioxide; black iron oxide; hydrated chromium oxide; hydrated iron oxide
11800	silver	Aluminiumpigment	aluminiumpigment
11802	classic gold	Effektpigment	pearlescent pigment
11804	bronze	Effektpigment	pearlescent pigment