

# MATERIAL SAFETY DATA SHEET

20033-XXXX  
Page 1 of 28

MSDS for #20033 - SCHMINCKE PASTELS according to Regulation (EC) No. 1907/2006 (REACH)

## series 17 - Pastell

Article No.	series 17	Issue date:	21.07.21
Version	4 ( 21.07.21 )	Page	1 / 7

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

#### 1.1 Product identifier

Trade name series 17 - Pastell  
finest extra-soft artists' pastels

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

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

H. Schmincke & Co. GmbH & Co. KG  
Otto-Hahn-Strasse 2  
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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

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)

#### 2.2 Label elements

##### Labelling

Signal word

Hazard statements

no hazard labelling required

Safety precautions

Hazard components for labelling

Text for labelling (CLP)

#### 2.3 Other hazards

### SECTION 3: Composition/information on ingredients

#### 3.1 Substances

Item Numbers: 20033-1009, 20033-1019, 20033-1029, 20033-1209, 20033-1809, 20033-2009, 20033-2999, 20033-4009, 20033-4509, 20033-6009, 20033-9009

##### Chemical characterisation

pigment with different chemical composition

# MATERIAL SAFETY DATA SHEET

MSDS for #20033 - SCHMINKE PASTEL to Regulation (EC) No. 1907/2006 (REACH)

Page 2 of 28

## series 17 - Pastell

Article No.	series 17	Issue date:	21.07.21
Version	4 ( 21.07.21 )	Page	2 / 7

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: 20033-1009, 20033-1019, 20033-1029, 20033-1209, 20033-1809, 20033-2009, 20033-2999, 20033-4009, 20033-4509, 20033-6009, 20033-9009

Page 2 of 28

### 6.2 environmental precautions

# MATERIAL SAFETY DATA SHEET

MSDS for #20033 - SCHMINKE PASTEL to Regulation (EC) No. 1907/2006 (REACH)

Page 3 of 28

## series 17 - Pastell

Article No.	series 17	Issue date:	21.07.21
Version	4 ( 21.07.21 )	Page	3 / 7

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	solid
Colour	-
Odour	odourless

	min	max
--	-----	-----

Initial boiling point and boiling range

Melting point/freezing point

Flash point/flash point range

Flammability

Ignition temperature

Item Numbers: 20033-1009, 20033-1019, 20033-1029, 20033-1209, 20033-1809, 20033-2009, 20033-2999, 20033-4009, 20033-4509, 20033-6009, 20033-9009

Page 3 of 28

# MATERIAL SAFETY DATA SHEET

MSDS for #20033 - SCHMINKE PASTEL to Regulation (EC) No. 1907/2006 (REACH)

Page 4 of 28

## series 17 - Pastell

Article No.	series 17	Issue date:	21.07.21
Version	4 ( 21.07.21 )	Page	4 / 7

Auto-ignition temperature  
Explosion limits  
Refraction index  
PH  
Viscosity  
Viscosity

Vapour pressure  
Density  
Partition coefficient: n-octanol/water

3 - 5 g/ml

20 °C

Danger of explosion

### 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

No data available

#### 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 1009, 20033-1019, 20033-1029, 20033-1209, 20033-1809, 20033-2009, 20033-2999, 20033-4009, 20033-4509, 20033-6009, 20033-9009

#### WGK catalog number

#### General information

Page 4 of 28

# MATERIAL SAFETY DATA SHEET

MSDS for #20033 - SCHMINKE PASTEL to Regulation (EC) No. 1907/2006 (REACH)

Page 5 of 28

## series 17 - Pastell

Article No.	series 17	Issue date:	21.07.21
Version	4 ( 21.07.21 )	Page	5 / 7

### 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

## 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

#### Package

##### Waste key number

##### Recommendation

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

#### 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

Danger releasing  
substance

### 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)

Exemption Numbers: 20033-1009, 20033-1029, 20033-1209, 20033-1809, 20033-2009, 20033-2999, 20033-4009, 20033-4509, 20033-6009, 20033-9009

Page 5 of 28

# MATERIAL SAFETY DATA SHEET

MSDS for #20033 - SCHMINKE PASTEL to Regulation (EC) No. 1907/2006 (REACH)

Page 6 of 28

## series 17 - Pastell

Article No.	series 17	Issue date:	21.07.21
Version	4 ( 21.07.21 )	Page	6 / 7

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)

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

**Bezeichner in aktueller Sprache fehlt!**

### 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

Page 6 of 28

# MATERIAL SAFETY DATA SHEET

MSDS for #20033 - SCHMINKE PASTEL to Regulation (EC) No. 1907/2006 (REACH)

Page 7 of 28

## series 17 - Pastell

Article No.	series 17	Issue date:	21.07.21
Version	4 ( 21.07.21 )	Page	7 / 7

**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**

### Bezeichner in aktueller

#### Sprache fehlt!

**Further regulations, limitations and legal requirements**

**Federal Regulations**

**State Regulations**

This product may contains a chemical known to the State of California to cause cancer.

For further information, see appendix.

### 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 abased 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.

Page 7 of 28

### Appendix for material safety data sheet no.: 17 000 000 Pastell

art.nr.	art.name	C.I.		CAS
17 001 069	D white	PW6	Titanium dioxide	1346
* 17 002 068	B permanent yellow 1 lemon	PY3; PBk11	Monoazo; Iron oxide black	6486
* 17 002 069	D permanent yellow 1 lemon	PY3	Monoazo	6486
* 17 002 073	H permanent yellow 1 lemon	PY3	Monoazo	6486
* 17 002 077	M permanent yellow 1 lemon	PY3	Monoazo	6486
* 17 002 079	O permanent yellow 1 lemon	PY3	Monoazo	6486
17 003 068	B permanent yellow 2 light	PY74; PY138; PBk11	Monoazo; Chinophthalone; Iron oxide black	6358
17 003 069	D permanent yellow 2 light	PY74; PY138	Monoazo; Chinophthalone	6358
* 17 003 073	H permanent yellow 2 light	PY74; PY138	Monoazo; Chinophthalone	6358
* 17 003 077	M permanent yellow 2 light	PY74	Monoazo	6358
* 17 003 079	O permanent yellow 2 light	PY74	Monoazo	6358
17 004 068	B permanent yellow 3 deep	PY83; PBk11	Diaryl; Iron oxide black	5567
17 004 069	D permanent yellow 3 deep	PY83	Diaryl	5567
* 17 004 073	H permanent yellow 3 deep	PY83	Diaryl	5567
* 17 004 077	M permanent yellow 3 deep	PY83	Diaryl	5567
* 17 004 079	O permanent yellow 3 deep	PY83	Diaryl	5567
17 005 068	B orange deep	PO43; PO61; PBk11	Perinone; Isoindoline; Iron oxide black	4424
17 005 069	D orange deep	PO43; PO61	Perinone; Isoindoline	4424
* 17 005 073	H orange deep	PO43; PO61	Perinone; Isoindoline	4424
* 17 005 077	M orange deep	PO43; PO61	Perinone; Isoindoline	4424
* 17 005 079	O orange deep	PO43; PO61	Perinone; Isoindoline	4424
17 007 068	B titanium yellow	PY53; PBk11	Rutile (Ti, Ni, Sb); Iron oxide black	8007
17 007 069	D titanium yellow	PY53	Rutile (Ti, Ni, Sb)	8007
* 17 007 073	H titanium yellow	PY53	Rutile (Ti, Ni, Sb)	8007
* 17 007 077	M titanium yellow	PY53	Rutile (Ti, Ni, Sb)	8007
* 17 007 079	O titanium yellow	PY53	Rutile (Ti, Ni, Sb)	8007
17 008 068	B vanadium yellow light	PY74; PY138; PBk11	Monoazo; Chinophthalone; Iron oxide black	6358
17 008 069	D vanadium yellow light	PY74; PY138; PBk11	Monoazo; Chinophthalone; Iron oxide black	6358
* 17 008 073	H vanadium yellow light	PY138; PY184	Chinophthalone; Bismuth vanadate	5673
* 17 008 077	M vanadium yellow light	PY184	Bismuth vanadate	1405
* 17 008 079	O vanadium yellow light	PY184	Bismuth vanadate	1405
17 009 068	B vanadium yellow deep	PY155; PBk11	Disazo; Iron oxide black	6851
17 009 069	D vanadium yellow deep	PY155; PY184	Disazo; Bismuth vanadate	6851
* 17 009 073	H vanadium yellow deep	PY155; PY184	Disazo; Bismuth vanadate	6851
* 17 009 077	M vanadium yellow deep	PY155; PY184	Disazo; Bismuth vanadate	6851
* 17 009 079	O Vanadium yellow deep	PY155; PY184	Disazo; Bismuth vanadate	6851
17 010 068	B orange light	PO62; PBk11	Benzimidazolone; Iron oxide black	7560
17 010 069	D orange light	PO62	Benzimidazolone	7560
* 17 010 073	H orange light	PY83; PO62	Diaryl; Benzimidazolone	5567

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art.nr.	art.name	C.I.		CAS
* 17 010 077	M orange light	PY83; PO62	Diaryl; Benzimidazolone	5567
* 17 010 079	O orange light	PY83; PO62	Diaryl; Benzimidazolone	5567
17 013 068	B ochre light	PY42; PBr24; PBk11	Hydrated iron oxide; Rutile (Ti, Cr, Sb); Iron oxide black	2034
17 013 069	D ochre light	PY42; PG17; PBr24	Hydrated iron oxide; Hematite (Cr); Rutile (Ti, Cr, Sb)	2034
* 17 013 073	H ochre light	PY42	Hydrated iron oxide	2034
* 17 013 077	M ochre light	PY42	Hydrated iron oxide	2034
* 17 013 079	O ochre light	PY42	Hydrated iron oxide	2034
17 014 068	B gold ochre	PY42; PBr24; PBk11	Hydrated iron oxide; Rutile (Ti, Cr, Sb); Iron oxide black	2034
17 014 069	D gold ochre	PY42; PG17; PBr24	Hydrated iron oxide; Hematite (Cr); Rutile (Ti, Cr, Sb)	2034
* 17 014 073	H gold ochre	PY42	Hydrated iron oxide	2034
* 17 014 077	M gold ochre	PY42	Hydrated iron oxide	2034
* 17 014 079	O gold ochre	PY42	Hydrated iron oxide	2034
17 016 068	B flesh ochre	PY42; PBr24; PBk11	Hydrated iron oxide; Rutile (Ti, Cr, Sb); Iron oxide black	2034
17 016 069	D flesh ochre	PY42; PBr24	Hydrated iron oxide; Rutile (Ti, Cr, Sb)	2034
* 17 016 073	H flesh ochre	PY42; PR101; PBr24	Hydrated iron oxide; Iron oxide; Rutile (Ti, Cr, Sb)	2034
* 17 016 077	M flesh ochre	PY42; PR101	Hydrated iron oxide; Iron oxide	2034
* 17 016 079	O flesh ochre	PY42	Hydrated iron oxide	2034
17 017 068	B orange ochre	PY42; PY119; PR101; PBk11	Hydrated iron oxide; Spinel (Zn, Fe); Iron oxide; Iron oxide black	2034
17 017 069	D orange ochre	PY42; PY119	Hydrated iron oxide; Spinel (Zn, Fe)	2034
* 17 017 073	H orange ochre	PY42; PR101; PBr24	Hydrated iron oxide; Iron oxide; Rutile (Ti, Cr, Sb)	2034
* 17 017 077	M orange ochre	PY42; PR101	Hydrated iron oxide; Iron oxide	2034
* 17 017 079	O orange ochre	PY42; PR101	Hydrated iron oxide; Iron oxide	2034
17 018 068	B burnt Sienna	PY119; PR101; PBr6; PBr24; PBk11	Spinel (Zn, Fe); Iron oxide; Iron oxide mix; Rutile (Ti, Cr, Sb); Iron oxide black	6818 6818
17 018 069	D burnt Sienna	PY119; PR101; PBr6; PBr24	Spinel (Zn, Fe); Iron oxide; Iron oxide mix; Rutile (Ti, Cr, Sb)	6818
* 17 018 073	H burnt Sienna	PY42; PR101; PBr6	Hydrated iron oxide; Iron oxide; Iron oxide mix	2034
* 17 018 077	M burnt Sienna	PY42; PR101	Hydrated iron oxide; Iron oxide	2034
* 17 018 079	O burnt Sienna	PY42; PR101; PBr6	Hydrated iron oxide; Iron oxide; Iron oxide mix	2034
17 019 068	B burnt yellow ochre	PY42; PR101; PBk11	Hydrated iron oxide; Iron oxide; Iron oxide black	2034
17 019 069	D burnt yellow ochre	PY42; PR101	Hydrated iron oxide; Iron oxide	2034
* 17 019 073	H burnt yellow ochre	PY42; PR101	Hydrated iron oxide; Iron oxide	2034
* 17 019 077	M burnt yellow ochre	PY42; PR101	Hydrated iron oxide; Iron oxide	2034
* 17 019 079	O burnt yellow ochre	PY42; PR101	Hydrated iron oxide; Iron oxide	2034
* 17 021 068	B Pozzuoli earth	PY42; PR101; PBk11	Hydrated iron oxide; Iron oxide; Iron oxide black	2034
* 17 021 069	D Pozzuoli earth	PY42; PR101	Hydrated iron oxide; Iron oxide	2034
* 17 021 073	H Pozzuoli earth	PY42; PR101	Hydrated iron oxide; Iron oxide	2034
* 17 021 077	M Pozzuoli earth	PY42; PR101	Hydrated iron oxide; Iron oxide	2034

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**Appendix for material safety data sheet no.: 17 000 000**  
**Pastell**

art.nr.	art.name	C.I.		CAS
* 17 021 079	O Pozzuoli earth	PY42; PR101	Hydrated iron oxide; Iron oxide	2034
17 022 068	B English red	PY42; PR101; PBr33; PBk11	Hydrated iron oxide; Iron oxide; Spinel (Zn,Fe,Cr); Iron oxide black	2034
17 022 069	D English red	PY42; PR101; PBr33	Hydrated iron oxide; Iron oxide; Spinel (Zn,Fe,Cr)	2034
* 17 022 073	H English red	PR101	Iron oxide	1309
* 17 022 073	M English red	PR101	Iron oxide	1309
* 17 022 079	O English red	PR101	Iron oxide	1309
17 023 068	B caput mortuum pale	PR101; PBk11	Iron oxide; Iron oxide black	1309
17 023 069	D caput mortuum pale	PR101	Iron oxide	1309
* 17 023 073	H caput mortuum pale	PR101	Iron oxide	1309
* 17 023 077	M caput mortuum pale	PR101	Iron oxide	1309
* 17 023 079	O caput mortuum pale	PR101	Iron oxide	1309
17 024 068	B caput mortuum deep	PR101; PBk11	Iron oxide; Iron oxide black	1309
17 024 069	D caput mortuum deep	PR101	Iron oxide	1309
* 17 024 073	H caput mortuum deep	PR101	Iron oxide	1309
* 17 024 077	M caput mortuum deep	PR101	Iron oxide	1309
* 17 024 079	O caput mortuum deep	PR101	Iron oxide	1309
17 025 068	B dark brown	PR101; PBk11	Iron oxide; Iron oxide black	1309
17 028 068	B olive ochre light	PY42; PG17; PBr24; PBk11	Hydrated iron oxide; Hematite (Cr); Rutile (Ti, Cr, Sb); Iron oxide black	2034
17 028 069	D olive ochre light	PY42; PG17; PBr24; PBk11	Hydrated iron oxide; Hematite (Cr); Rutile (Ti, Cr, Sb); Iron oxide black	2034
* 17 028 073	H olive ochre light	PY42; PG17	Hydrated iron oxide; Hematite (Cr)	2034
* 17 028 077	M olive ochre light	PY42; PG17	Hydrated iron oxide; Hematite (Cr)	2034
* 17 028 079	O olive ochre light	PY42; PG17	Hydrated iron oxide; Hematite (Cr)	2034
17 029 068	B olive ochre deep	PY42; PG17; PBr24; PBk11	Hydrated iron oxide; Hematite (Cr); Rutile (Ti, Cr, Sb); Iron oxide black	2034
17 029 069	D olive ochre deep	PY42; PG17; PBr24; PBk11	Hydrated iron oxide; Hematite (Cr); Rutile (Ti, Cr, Sb); Iron oxide black	2034
* 17 029 073	H olive ochre deep	PY42; PG17	Hydrated iron oxide; Hematite (Cr)	2034
* 17 029 077	M olive ochre deep	PY42; PG17	Hydrated iron oxide; Hematite (Cr)	2034
* 17 029 079	O olive ochre deep	PY42; PG17	Hydrated iron oxide; Hematite (Cr)	2034
17 030 068	B greenish umber	PY42; PBk11	Hydrated iron oxide; Iron oxide black	2034
17 030 069	D greenish umber	PY42; PY119; PBk11	Hydrated iron oxide; Spinel (Zn, Fe); Iron oxide black	2034
* 17 030 073	H greenish umber	PY42; PBk11	Hydrated iron oxide; Iron oxide black	2034
* 17 030 077	M greenish umber	PY42; PBk11	Hydrated iron oxide; Iron oxide black	2034
* 17 030 079	O greenish umber	PY42; PBk11	Hydrated iron oxide; Iron oxide black	2034
17 032 068	B brown ochre	PY42; PY119; PBr24; PBk11	Hydrated iron oxide; Spinel (Zn, Fe); Rutile (Ti, Cr, Sb); Iron oxide black	2034

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### Appendix for material safety data sheet no.: 17 000 000 Pastell

art.nr.	art.name	C.I.		CAS
17 032 069	D brown ochre	PY42; PY119; PBr24; PBk11	Hydrated iron oxide; Spinel (Zn, Fe); Rutile (Ti, Cr, Sb); Iron oxide black	2034
* 17 032 073	H brown ochre	PY42; PY119; PBr24; PBk11	Hydrated iron oxide; Spinel (Zn, Fe); Rutile (Ti, Cr, Sb); Iron oxide black	2034
* 17 032 077	M brown ochre	PY42; PBr6; PBk11	Hydrated iron oxide; Iron oxide mix; Iron oxide black	2034
* 17 032 079	O brown ochre	PY42; PBr6; PBk11	Hydrated iron oxide; Iron oxide mix; Iron oxide black	2034
17 033 068	B burnt green earth	PY119; PR101; PBk11	Spinel (Zn, Fe); Iron oxide; Iron oxide black	6818
17 033 069	D burnt green earth	PY119; PR101	Spinel (Zn, Fe); Iron oxide	6818
* 17 033 073	H burnt green earth	PY119; PR101	Spinel (Zn, Fe); Iron oxide	6818
* 17 033 077	M burnt green earth	PY42; PR101; PBr6	Hydrated iron oxide; Iron oxide; Iron oxide mix	2034
* 17 033 079	O burnt green earth	PY42; PR101; PBr6; PBk11	Hydrated iron oxide; Iron oxide; Iron oxide mix; Iron oxide black	2034
17 035 068	B burnt umber	PBr6; PBk11	Iron oxide mix; Iron oxide black	7266
17 035 069	D burnt umber	PBr6; PBk11	Iron oxide mix; Iron oxide black	7266
* 17 035 073	H burnt umber	PY42; PBr6; PBk11	Hydrated iron oxide; Iron oxide mix; Iron oxide black	2034
* 17 035 077	M burnt umber	PY42; PBr6; PBk11	Hydrated iron oxide; Iron oxide mix; Iron oxide black	2034
* 17 035 079	O burnt umber	PY42; PBr6; PBk11	Hydrated iron oxide; Iron oxide mix; Iron oxide black	2034
17 036 068	B Vandyke brown	PR101; PBr6; PBr33; PBk11	Iron oxide; Iron oxide mix; Spinel (Zn,Fe,Cr); Iron oxide black	1309
17 036 069	D Vandyke brown	PR101; PBr6; PBr33; PBk11	Iron oxide; Iron oxide mix; Spinel (Zn,Fe,Cr); Iron oxide black	1309
* 17 036 073	H Vandyke brown	PR101; PBr6; PBk11	Iron oxide; Iron oxide mix; Iron oxide black	1309
* 17 036 077	M Vandyke brown	PR101; PBr6; PBk11	Iron oxide; Iron oxide mix; Iron oxide black	1309
* 17 036 079	O Vandyke brown	PR101; PBr6; PBk11	Iron oxide; Iron oxide mix; Iron oxide black	1309
17 037 068	B sepia brown	PY42; PBr6; PBr33; PBk11	Hydrated iron oxide; Iron oxide mix; Spinel (Zn,Fe,Cr); Iron oxide black	2034
17 037 069	D sepia brown	PBr6; PBr33; PBk11	Iron oxide mix; Spinel (Zn,Fe,Cr); Iron oxide black	7266
* 17 037 073	H sepia brown	PBr6; PBk11	Iron oxide mix; Iron oxide black	7266
* 17 037 077	M sepia brown	PBr6; PBk11	Iron oxide mix; Iron oxide black	7266
* 17 037 079	O sepia brown	PBr6; PBk11	Iron oxide mix; Iron oxide black	7266
17 038 068	B walnut brown	PB29; PBr7; PBk11	Sodium aluminum silicate; Earth pigment; Iron oxide black	5745
17 038 069	D walnut brown	PB29; PBr7	Sodium aluminum silicate; Earth pigment	5745
* 17 038 073	H walnut brown	PB29; PBr7	Sodium aluminum silicate; Earth pigment	5745
* 17 038 077	M walnut brown	PB29; PBr7	Sodium aluminum silicate; Earth pigment	5745
* 17 038 079	O walnut brown	PB29; PBr7	Sodium aluminum silicate; Earth pigment	5745
17 040 068	B vermilion	PR3; PR188; PR242; PBk11	Beta-Naphthol; Monoazo; Disazocondensation; Iron oxide black	2425
17 040 069	D vermilion	PR3; PR188; PR242	Beta-Naphthol; Monoazo; Disazocondensation	2425
* 17 040 073	H vermilion	PR3; PR188; PR242	Beta-Naphthol; Monoazo; Disazocondensation	2425
* 17 040 077	M vermilion	PR3; PR188; PR242	Beta-Naphthol; Monoazo; Disazocondensation	2425
* 17 040 079	O vermilion	PR3; PR188; PR242	Beta-Naphthol; Monoazo; Disazocondensation	2425

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**Appendix for material safety data sheet no.: 17 000 000**  
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art.nr.	art.name	C.I.		CAS
17 041 068	B scarlet	PR3; PR168; PR254; PBk11	Beta-Naphthol; Anthanthrone; Diketo-pyrrolo-pyrrol; Iron oxide black	2425
17 041 069	D scarlet	PR3; PR168; PR254	Beta-Naphthol; Anthanthrone; Diketo-pyrrolo-pyrrol	2425
* 17 041 073	H scarlet	PR3; PR168; PR254	Beta-Naphthol; Anthanthrone; Diketo-pyrrolo-pyrrol	2425
* 17 041 077	M scarlet	PR3; PR168; PR254	Beta-Naphthol; Anthanthrone; Diketo-pyrrolo-pyrrol	2425
* 17 041 079	O scarlet	PR3; PR168; PR254	Beta-Naphthol; Anthanthrone; Diketo-pyrrolo-pyrrol	2425
17 042 068	B permanent red 1 pale	PO62; PR242; PBk11	Benzimidazolone; Disazocondensation; Iron oxide black	7560
17 042 069	D permanent red 1 pale	PO62; PR242	Benzimidazolone; Disazocondensation	7560
* 17 042 073	H permanent red 1 pale	PO43; PR168	Perinone; Anthanthrone	4424
* 17 042 077	M permanent red 1 pale	PO43; PR168	Perinone; Anthanthrone	4424
* 17 042 079	O permanent red 1 pale	PO43; PR168	Perinone; Anthanthrone	4424
17 043 068	B Bordeaux	PR3; PR101; PR254; PV19; PBk11	Beta-Naphthol; Iron oxide; Diketo-pyrrolo-pyrrol; Quinacridone; Iron oxide black	2425 1317
17 043 069	D Bordeaux	PR3; PR101; PR254; PV19	Beta-Naphthol; Iron oxide; Diketo-pyrrolo-pyrrol; Quinacridone	2425
* 17 043 073	H Bordeaux	PR3; PR101; PR254; PV19	Beta-Naphthol; Iron oxide; Diketo-pyrrolo-pyrrol; Quinacridone	2425
* 17 043 077	M Bordeaux	PR3; PR101; PR254; PV19	Beta-Naphthol; Iron oxide; Diketo-pyrrolo-pyrrol; Quinacridone	2425
* 17 043 079	O Bordeaux	PR3; PR101; PR254; PV19	Beta-Naphthol; Iron oxide; Diketo-pyrrolo-pyrrol; Quinacridone	2425
17 044 068	B permanent red 3 deep	PR3; PR112; PR178; PR242; PBk11	Beta-Naphthol; Naphthol AS; Perylene; Disazocondensation; Iron oxide black	2425 1317
17 044 069	D permanent red 3 deep	PR3; PR112; PR178; PR242	Beta-Naphthol; Naphthol AS; Perylene; Disazocondensation	2425
* 17 044 073	H permanent red 3 deep	PO43; PR112	Perinone; Naphthol AS	4424
* 17 044 077	M permanent red 3 deep	PO43; PR112	Perinone; Naphthol AS	4424
* 17 044 079	O permanent red 3 deep	PO43; PR112	Perinone; Naphthol AS	4424
17 045 068	B madder lake	PR3; PR112; PR146; PR187; PR202; PBk11	Beta-Naphthol; Naphthol AS; Naphthol AS; Naphthol AS; Quinacridone; Iron oxide black	2425 16-1;
17 045 069	D madder lake	PR3; PR112; PR146; PR187; PR202	Beta-Naphthol; Naphthol AS; Naphthol AS; Naphthol AS; Quinacridone	2425 16-1
17 045 073	H madder lake	PR112; PV19; PB29	Naphthol AS; Quinacridone; Sodium aluminum silicate	6535
* 17 045 077	M madder lake	PR112; PV19; PB29	Naphthol AS; Quinacridone; Sodium aluminum silicate	6535
* 17 045 079	O madder lake	PR112; PV19; PB29	Naphthol AS; Quinacridone; Sodium aluminum silicate	6535
17 046 068	B carmine red	PR3; PR146; PR178; PR242; PBk11	Beta-Naphthol; Naphthol AS; Perylene; Disazocondensation; Iron oxide black	2425 1317
17 046 069	D carmine red	PR3; PR146; PR178; PR242	Beta-Naphthol; Naphthol AS; Perylene; Disazocondensation	2425
17 046 073	H carmine red	PR112; PV19	Naphthol AS; Quinacridone	6535

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**Appendix for material safety data sheet no.: 17 000 000  
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art.nr.	art.name	C.I.		CAS
* 17 046 077	M carmine red	PR112; PV19	Naphthol AS; Quinacridone	6535
* 17 046 079	O carmine red	PR112; PV19	Naphthol AS; Quinacridone	6535
17 047 068	B rose madder	PR122; PR146; PV19; PBk11	Quinacridone; Naphthol AS; Quinacridone; Iron oxide black	980-2
17 047 069	D rose madder	PR122; PR146; PV19	Quinacridone; Naphthol AS; Quinacridone	980-2
* 17 047 073	H rose madder	PV19	Quinacridone	1047
* 17 047 077	M rose madder	PV19	Quinacridone	1047
* 17 047 079	O rose madder	PV19	Quinacridone	1047
17 048 068	B quinacridone violet	PR3; PR122; PV19; PBk11	Beta-Naphthol; Quinacridone; Quinacridone; Iron oxide black	2425
17 048 069	D quinacridone violet	PR3; PR122; PV19; PBk11	Beta-Naphthol; Quinacridone; Quinacridone; Iron oxide black	2425
* 17 048 073	H quinacridone violet	PR3; PR122; PB29	Beta-Naphthol; Quinacridone; Sodium aluminum silicate	2425
* 17 048 077	M quinacridone violet	PR3; PR122; PB29	Beta-Naphthol; Quinacridone; Sodium aluminum silicate	2425
* 17 048 079	O quinacridone violet	PR3; PR122; PB29	Beta-Naphthol; Quinacridone; Sodium aluminum silicate	2425
17 049 068	B purple 1	PR3; PV19; PV23; PBk11	Beta-Naphthol; Quinacridone; Dioxazine; Iron oxide black	2425
17 049 069	D purple 1	PR3; PV19; PV23	Beta-Naphthol; Quinacridone; Dioxazine	2425
* 17 049 073	H purple 1	PR146; PV19; PB29	Naphthol AS; Quinacridone; Sodium aluminum silicate	5280
* 17 049 077	M purple 1	PR146; PV19; PB29	Naphthol AS; Quinacridone; Sodium aluminum silicate	5280
* 17 049 079	O purple 1	PR146; PV19; PB29	Naphthol AS; Quinacridone; Sodium aluminum silicate	5280
17 050 068	B purple 2	PR122; PV15; PV23; PBk11	Quinacridone; Sodium aluminum silicate; Dioxazine; Iron oxide black	980-2
17 050 069	D purple 2	PR122; PV15; PV23	Quinacridone; Sodium aluminum silicate; Dioxazine	980-2
17 050 073	H purple 2	PR146; PV15	Naphthol AS; Sodium aluminum silicate	5280
* 17 050 077	M purple 2	PR146; PV15	Naphthol AS; Sodium aluminum silicate	5280
* 17 050 079	O purple 2	PR146; PV15	Naphthol AS; Sodium aluminum silicate	5280
17 052 068	B manganese violet	PV15; PV16; PV23; PBk11	Sodium aluminum silicate; Manganese-ammonium pyrophosphate; Dioxazine; Iron oxide black	1276
17 052 069	D manganese violet	PV15; PV16; PV23	Sodium aluminum silicate; Manganese-ammonium pyrophosphate; Dioxazine	1276
* 17 052 073	H manganese violet	PV15; PV16; PV23	Sodium aluminum silicate; Manganese-ammonium pyrophosphate; Dioxazine	1276
* 17 052 077	M manganese violet	PV15; PV16; PV23	Sodium aluminum silicate; Manganese-ammonium pyrophosphate; Dioxazine	1276
* 17 052 079	O manganese violet	PV15; PV16; PV23	Sodium aluminum silicate; Manganese-ammonium pyrophosphate; Dioxazine	1276
17 054 069	D red violet	PV15; PV19	Sodium aluminum silicate; Quinacridone	1276
17 055 069	D reddish violet deep	PR202; PV15; PV23	Quinacridone; Sodium aluminum silicate; Dioxazine	1047
17 056 068	B reddish violet	PV15; PV23; PBk11	Sodium aluminum silicate; Dioxazine; Iron oxide black	1276
17 056 069	D reddish violet	PV15; PV23	Sodium aluminum silicate; Dioxazine	1276
* 17 056 073	H reddish violet	PV15	Sodium aluminum silicate	1276
* 17 056 077	M reddish violet	PV15	Sodium aluminum silicate	1276

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art.nr.	art.name	C.I.		CAS
* 17 056 079	O reddish violet	PV15	Sodium aluminum silicate	1276
17 057 068	B bluish violet	PV15; PV23; PB15:1; PBk11	Sodium aluminum silicate; Dioxazine; Phthalocyanine (Cu); Iron oxide black	1276
17 057 069	D bluish violet	PV15; PV23; PB15:1	Sodium aluminum silicate; Dioxazine; Phthalocyanine (Cu)	1276
* 17 057 073	H bluish violet	PV15	Sodium aluminum silicate	1276
* 17 057 077	M bluish violet	PV15; PB29	Sodium aluminum silicate; Sodium aluminum silicate	1276
* 17 057 079	O bluish violet	PV15; PB29	Sodium aluminum silicate; Sodium aluminum silicate	1276
17 059 068	B deep violet	PV19; PV23; PB15; PB29; PBk11	Quinacridone; Dioxazine; Phthalocyanine (Cu); Sodium aluminum silicate; Iron oxide black	1047-61-9
17 059 069	D deep violet	PV19; PV23; PB15; PB29	Quinacridone; Dioxazine; Phthalocyanine (Cu); Sodium aluminum silicate	1047
* 17 059 073	H deep violet	PR146; PV15; PB29	Naphthol AS; Sodium aluminum silicate; Sodium aluminum silicate	5280
17 059 077	M deep violet	PV15	Sodium aluminum silicate	1276
* 17 059 079	O deep violet	PV15	Sodium aluminum silicate	1276
17 060 069	D ultramarine blue deep	PB15:6; PB15:2; PB29; PV23	Phthalocyanine (Cu); Phthalocyanine (Cu); Sodium aluminum silicate; Dioxazine	147-
17 061 068	B phthalo blue deep	PB15; PB15:1; PB29; PBk11	Phthalocyanine (Cu); Phthalocyanine (Cu); Sodium aluminum silicate; Iron oxide black	147-
17 061 069	D phthalo blue deep	PB15; PB15:1; PB29; PBk11	Phthalocyanine (Cu); Phthalocyanine (Cu); Sodium aluminum silicate; Iron oxide black	147-
* 17 061 073	H phthalo blue deep	PV23; PB15:1; PB29; PBk11	Dioxazine; Phthalocyanine (Cu); Sodium aluminum silicate; Iron oxide black	6358
* 17 061 077	M phthalo blue deep	PV23; PB15:1; PB29; PBk11	Dioxazine; Phthalocyanine (Cu); Sodium aluminum silicate; Iron oxide black	6358
* 17 061 079	O phthalo blue deep	PV23; PB15:1; PB29; PBk11	Dioxazine; Phthalocyanine (Cu); Sodium aluminum silicate; Iron oxide black	6358
17 062 068	B ultramarine light	PV23; PB15:1; PB29; PBk11	Dioxazine; Phthalocyanine (Cu); Sodium aluminum silicate; Iron oxide black	6358
17 062 069	D ultramarine light	PV23; PB15:1; PB29	Dioxazine; Phthalocyanine (Cu); Sodium aluminum silicate	6358
* 17 062 073	H ultramarine light	PB29	Sodium aluminum silicate	5745
* 17 062 077	M ultramarine light	PB29	Sodium aluminum silicate	5745
* 17 062 079	O ultramarine light	PB29	Sodium aluminum silicate	5745
17 063 068	B ultramarine deep	PV23; PB15:1; PB29; PBk11	Dioxazine; Phthalocyanine (Cu); Sodium aluminum silicate; Iron oxide black	6358
17 063 069	D ultramarine deep	PV23; PB15:1; PB29	Dioxazine; Phthalocyanine (Cu); Sodium aluminum silicate	6358
* 17 063 073	H ultramarine deep	PB29	Sodium aluminum silicate	5745
* 17 063 077	M ultramarine deep	PB29	Sodium aluminum silicate	5745
* 17 063 079	O ultramarine deep	PB29	Sodium aluminum silicate	5745

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art.nr.	art.name	C.I.		CAS
17 064 068	B cobalt blue hue	PB15:1; PB29; PBk11	Phthalocyanine (Cu); Sodium aluminum silicate; Iron oxide black	147-
17 064 069	D cobalt blue hue	PB15:1; PB29	Phthalocyanine (Cu); Sodium aluminum silicate	147-
* 17 064 073	H cobalt blue hue	PB15:1; PB29	Phthalocyanine (Cu); Sodium aluminum silicate	147-
* 17 064 077	M cobalt blue hue	PB15:1; PB29	Phthalocyanine (Cu); Sodium aluminum silicate	147-
* 17 064 079	O cobalt blue hue	PB15:1; PB29	Phthalocyanine (Cu); Sodium aluminum silicate	147-
17 065 068	B greenish blue	PB15:1; PG7; PBk11	Phthalocyanine (Cu); Phthalocyanine (Cu, Cl); Iron oxide black	147-
17 065 069	D greenish blue	PB15:1; PG7	Phthalocyanine (Cu); Phthalocyanine (Cu, Cl)	147-
* 17 065 073	H greenish blue	PB15:1; PG7	Phthalocyanine (Cu); Phthalocyanine (Cu, Cl)	147-
* 17 065 077	M greenish blue	PB15:1; PG7	Phthalocyanine (Cu); Phthalocyanine (Cu, Cl)	147-
* 17 065 079	O greenish blue	PB15:1; PG7	Phthalocyanine (Cu); Phthalocyanine (Cu, Cl)	147-
17 066 068	B Prussian blue	PB27; PB29; PB66; PBk11	Iron-cyan-complex; Sodium aluminum silicate; Indigo, synthetic; Iron oxide black	1403 1317
17 066 069	D Prussian blue	PB27; PB29; PB66	Iron-cyan-complex; Sodium aluminum silicate; Indigo, synthetic	1403
17 066 073	H Prussian blue	PV23; PB15:1; PB29; PG7; PG17	Dioxazine; Phthalocyanine (Cu); Sodium aluminum silicate; Phthalocyanine (Cu, Cl); Hematite (Cr)	6358 38-9
* 17 066 077	M Prussian blue	PB36	Spinel (Co, Al, Cr)	6818
* 17 066 079	O Prussian blue	PB36	Spinel (Co, Al, Cr)	6818
17 067 068	B indigo hue	PB15; PB15:1; PBk11	Phthalocyanine (Cu); Phthalocyanine (Cu); Iron oxide black	147-
* 17 067 069	D indigo hue	PB15; PB15:1; PBk11	Phthalocyanine (Cu); Phthalocyanine (Cu); Iron oxide black	147-
* 17 067 073	H indigo hue	PB15; PB15:1; PBk11	Phthalocyanine (Cu); Phthalocyanine (Cu); Iron oxide black	147-
* 17 067 077	M indigo hue	PB15; PB15:1; PBk11	Phthalocyanine (Cu); Phthalocyanine (Cu); Iron oxide black	147-
* 17 067 079	O indigo hue	PB15; PB15:1; PBk11	Phthalocyanine (Cu); Phthalocyanine (Cu); Iron oxide black	147-
17 068 068	B bluish green	PB36; PB15:1; PG7; PBk11	Spinel (Co, Al, Cr); Phthalocyanine (Cu); Phthalocyanine (Cu, Cl); Iron oxide black	6818
17 068 069	D bluish green	PB36; PB15:1; PG7; PBk11	Spinel (Co, Al, Cr); Phthalocyanine (Cu); Phthalocyanine (Cu, Cl); Iron oxide black	6818
* 17 068 073	H bluish green	PB36; PB15:1; PG7; PBk11	Spinel (Co, Al, Cr); Phthalocyanine (Cu); Phthalocyanine (Cu, Cl); Iron oxide black	6818
* 17 068 077	M bluish green	PB36; PB15:1; PG7; PBk11	Spinel (Co, Al, Cr); Phthalocyanine (Cu); Phthalocyanine (Cu, Cl); Iron oxide black	6818
* 17 068 079	O bluish green	PB36; PB15:1; PG7	Spinel (Co, Al, Cr); Phthalocyanine (Cu); Phthalocyanine (Cu, Cl)	6818
17 069 068	B bluish green deep	PB15; PB15:1; PB29; PBk11	Phthalocyanine (Cu); Phthalocyanine (Cu); Sodium aluminum silicate; Iron oxide black	147-
* 17 069 069	D bluish green deep	PB15; PB15:1; PB29; PBk11	Phthalocyanine (Cu); Phthalocyanine (Cu); Sodium aluminum silicate; Iron oxide black	147-

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### Appendix for material safety data sheet no.: 17 000 000 Pastell

art.nr.	art.name	C.I.		CAS
* 17 069 073	H bluish green deep	PB15; PB15:1; PB29; PBk11	Phthalocyanine (Cu); Phthalocyanine (Cu); Sodium aluminum silicate; Iron oxide black	147-
* 17 069 077	M bluish green deep	PB15; PB15:1; PB29; PBk11	Phthalocyanine (Cu); Phthalocyanine (Cu); Sodium aluminum silicate; Iron oxide black	147-
* 17 069 079	O bluish green deep	PB15; PB15:1; PB29; PBk11	Phthalocyanine (Cu); Phthalocyanine (Cu); Sodium aluminum silicate; Iron oxide black	147-
17 070 068	B leaf green deep	PY74; PG7; PBk11	Monoazo; Phthalocyanine (Cu, Cl); Iron oxide black	6358
17 070 069	D leaf green deep	PY74; PG7; PBk11	Monoazo; Phthalocyanine (Cu, Cl); Iron oxide black	6358
* 17 070 073	H leaf green deep	PY74; PG7; PBk11	Monoazo; Phthalocyanine (Cu, Cl); Iron oxide black	6358
* 17 070 077	M leaf green deep	PY74; PG7; PBk11	Monoazo; Phthalocyanine (Cu, Cl); Iron oxide black	6358
* 17 070 079	O leaf green deep	PY74; PG7; PBk11	Monoazo; Phthalocyanine (Cu, Cl); Iron oxide black	6358
17 071 068	B light green	PG7; PBk11	Phthalocyanine (Cu, Cl); Iron oxide black	1328
17 071 069	D light green	PG7	Phthalocyanine (Cu, Cl)	1328
* 17 071 073	H light green	PG7	Phthalocyanine (Cu, Cl)	1328
* 17 071 077	M light green	PG7	Phthalocyanine (Cu, Cl)	1328
* 17 071 079	O light green	PG7	Phthalocyanine (Cu, Cl)	1328
17 072 068	B leaf green 1	PY53; PG7; PG17; PBr24; PBk11	Rutile (Ti, Ni, Sb); Phthalocyanine (Cu, Cl); Hematite (Cr); Rutile (Ti, Cr, Sb); Iron oxide black	8007 61-9
17 072 069	D leaf green 1	PY53; PG7; PG17; PBr24	Rutile (Ti, Ni, Sb); Phthalocyanine (Cu, Cl); Hematite (Cr); Rutile (Ti, Cr, Sb)	8007
* 17 072 073	H leaf green 1	PY3; PY138; PG7; PG17	Monoazo; Chinophthalone; Phthalocyanine (Cu, Cl); Hematite (Cr)	6486
* 17 072 073	M leaf green 1	PY3; PY138; PG7	Monoazo; Chinophthalone; Phthalocyanine (Cu, Cl)	6486
* 17 072 073	O leaf green 1	PY3; PY138; PG7	Monoazo; Chinophthalone; Phthalocyanine (Cu, Cl)	6486
17 073 068	B leaf green 2	PG17; PB15:1; PBk11	Hematite (Cr); Phthalocyanine (Cu); Iron oxide black	1308
17 073 069	D leaf green 2	PG17; PB15:1	Hematite (Cr); Phthalocyanine (Cu)	1308
* 17 073 073	H leaf green 2	PG17; PB15:1	Hematite (Cr); Phthalocyanine (Cu)	1308
* 17 073 077	M leaf green 2	PG17; PB15:1	Hematite (Cr); Phthalocyanine (Cu)	1308
* 17 073 079	O leaf green 2	PG7; PG17	Phthalocyanine (Cu, Cl); Hematite (Cr)	1328
17 074 068	B phthalo green deep	PG7; PBk11	Phthalocyanine (Cu, Cl); Iron oxide black	1328
17 074 069	D phthalo green deep	PG7; PBk11	Phthalocyanine (Cu, Cl); Iron oxide black	1328
* 17 074 073	H phthalo green deep	PG7; PBk11	Phthalocyanine (Cu, Cl); Iron oxide black	1328
* 17 074 077	M phthalo green deep	PG7; PBk11	Phthalocyanine (Cu, Cl); Iron oxide black	1328
* 17 074 079	O phthalo green deep	PG7; PBk11	Phthalocyanine (Cu, Cl); Iron oxide black	1328
17 075 068	B mossy green 1	PY53; PG7; PG17; PBr24; PBk11	Rutile (Ti, Ni, Sb); Phthalocyanine (Cu, Cl); Hematite (Cr); Rutile (Ti, Cr, Sb); Iron oxide black	8007 61-9
17 075 069	D mossy green 1	PY53; PG7; PG17; PBr24	Rutile (Ti, Ni, Sb); Phthalocyanine (Cu, Cl); Hematite (Cr); Rutile (Ti, Cr, Sb)	8007

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Item Numbers: 20033-1009, 20033-1019, 20033-1029, 20033-1209, 20033-1809, 20033-2009, 20033-2999, 20033-4009, 20033-4509, 20033-6009, 20033-9009



### Appendix for material safety data sheet no.: 17 000 000 Pastell

art.nr.	art.name	C.I.		CAS
17 075 073	H mossy green 1	PY53; PG7; PB29; PBr24	Rutile (Ti, Ni, Sb); Phthalocyanine (Cu, Cl); Sodium aluminum silicate; Rutile (Ti, Cr, Sb)	8007
* 17 075 077	M mossy green 1	PY53; PG7; PBr24	Rutile (Ti, Ni, Sb); Phthalocyanine (Cu, Cl); Rutile (Ti, Cr, Sb)	8007
* 17 075 079	O mossy green 1	PY53; PG7; PBr24	Rutile (Ti, Ni, Sb); Phthalocyanine (Cu, Cl); Rutile (Ti, Cr, Sb)	8007
17 076 068	B mossy green 2	PY74; PG7; PBk11	Monoazo; Phthalocyanine (Cu, Cl); Iron oxide black	6358
17 076 069	D mossy green 2	PY74; PG7	Monoazo; Phthalocyanine (Cu, Cl)	6358
* 17 076 073	H mossy green 2	PY74; PG7	Monoazo; Phthalocyanine (Cu, Cl)	6358
* 17 076 077	M mossy green 2	PY74; PG7	Monoazo; Phthalocyanine (Cu, Cl)	6358
* 17 076 079	O mossy green 2	PY74; PG7	Monoazo; Phthalocyanine (Cu, Cl)	6358
17 077 068	B may green	PY74; PG7; PBk11	Monoazo; Phthalocyanine (Cu, Cl); Iron oxide black	6358
17 077 069	D may green	PY74; PG7	Monoazo; Phthalocyanine (Cu, Cl)	6358
* 17 077 073	H may green	PY74; PG7	Monoazo; Phthalocyanine (Cu, Cl)	6358
* 17 077 077	M may green	PY74; PG7	Monoazo; Phthalocyanine (Cu, Cl)	6358
* 17 077 079	O may green	PY74; PG7	Monoazo; Phthalocyanine (Cu, Cl)	6358
17 080 068	B cold green 1	PG19; PG17; PB29; PBk11	Spinel (Co, Zn); Hematite (Cr); Sodium aluminum silicate; Iron oxide black	8011
17 080 069	D cold green 1	PG19; PG17; PB29	Spinel (Co, Zn); Hematite (Cr); Sodium aluminum silicate	8011
* 17 080 073	H cold green 1	PB29; PG17	Sodium aluminum silicate; Hematite (Cr)	5745
* 17 080 077	M cold green 1	PB29; PG17	Sodium aluminum silicate; Hematite (Cr)	5745
* 17 080 079	O cold green 1	PB29; PG17	Sodium aluminum silicate; Hematite (Cr)	5745
17 081 068	B cold green deep	PG26; PBk11; PB15; PG7	Spinel (Co,Cr); Iron oxide black; Phthalocyanine (Cu); Phthalocyanine (Cu, Cl)	6818
* 17 081 069	D cold green deep	PG26; PB29; PB15; PG7; PBk11	Spinel (Co,Cr); Sodium aluminum silicate; Phthalocyanine (Cu); Phthalocyanine (Cu, Cl); Iron oxide black	6818 61-9
* 17 081 073	H cold green deep	PG26; PB29; PB15; PG7; PBk11	Spinel (Co,Cr); Sodium aluminum silicate; Phthalocyanine (Cu); Phthalocyanine (Cu, Cl); Iron oxide black	6818 61-9
* 17 081 077	M cold green deep	PG26; PB29; PB15; PG7; PBk11	Spinel (Co,Cr); Sodium aluminum silicate; Phthalocyanine (Cu); Phthalocyanine (Cu, Cl); Iron oxide black	6818 61-9
* 17 081 079	O cold green deep	PG26; PB29; PB15; PG7; PBk11	Spinel (Co,Cr); Sodium aluminum silicate; Phthalocyanine (Cu); Phthalocyanine (Cu, Cl); Iron oxide black	6818 61-9
17 082 068	B Verona green	PB29; PG17; PBk11	Sodium aluminum silicate; Hematite (Cr); Iron oxide black	5745
17 082 069	D Verona green	PB29; PG17; PBk11	Sodium aluminum silicate; Hematite (Cr); Iron oxide black	5745
* 17 082 073	H Verona green	PB29; PG17	Sodium aluminum silicate; Hematite (Cr)	5745
* 17 082 077	M Verona green	PB29; PG17	Sodium aluminum silicate; Hematite (Cr)	5745
* 17 082 079	O Verona green	PB29; PG17	Sodium aluminum silicate; Hematite (Cr)	5745
17 083 068	B Bohemian green	PY42; PG17; PBk11	Hydrated iron oxide; Hematite (Cr); Iron oxide black	2034
17 083 069	D Bohemian green	PY42; PG17; PBk11	Hydrated iron oxide; Hematite (Cr); Iron oxide black	2034
* 17 083 073	H Bohemian green	PY42; PG17; PBk11	Hydrated iron oxide; Hematite (Cr); Iron oxide black	2034
* 17 083 077	M Bohemian green	PY42; PG17	Hydrated iron oxide; Hematite (Cr)	2034

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**Appendix for material safety data sheet no.: 17 000 000**  
**Pastell**

art.nr.	art.name	C.I.		CAS
* 17 083 079	O Bohemian green	PY42; PG17; PBk11	Hydrated iron oxide; Hematite (Cr); Iron oxide black	2034
17 084 068	B chromium oxide green	PG17; PBk11	Hematite (Cr); Iron oxide black	1308
17 084 068	D chromium oxide green	PG17	Hematite (Cr)	1308
* 17 084 068	H chromium oxide green	PG17	Hematite (Cr)	1308
* 17 084 068	M chromium oxide green	PG17	Hematite (Cr)	1308
* 17 084 068	O chromium oxide green	PG17	Hematite (Cr)	1308
17 085 068	B olive green 1	PY42; PG17; PBk11	Hydrated iron oxide; Hematite (Cr); Iron oxide black	2034
17 085 069	D olive green 1	PY42; PG17; PBk11	Hydrated iron oxide; Hematite (Cr); Iron oxide black	2034
* 17 085 073	H olive green 1	PY42; PG17; PBk11	Hydrated iron oxide; Hematite (Cr); Iron oxide black	2034
* 17 085 077	M olive green 1	PY42; PG17; PBk11	Hydrated iron oxide; Hematite (Cr); Iron oxide black	2034
* 17 085 079	O olive green 1	PY42; PG17	Hydrated iron oxide; Hematite (Cr)	2034
17 086 068	B olive green 2	PY42; PG17; PBk11	Hydrated iron oxide; Hematite (Cr); Iron oxide black	2034
17 086 069	D olive green 2	PY53; PY42; PG17; PBr24	Rutile (Ti, Ni, Sb); Hydrated iron oxide; Hematite (Cr); Rutile (Ti, Cr, Sb)	8007
* 17 086 073	H olive green 2	PY53; PY42; PG17; PBr24; PG7	Rutile (Ti, Ni, Sb); Hydrated iron oxide; Hematite (Cr); Rutile (Ti, Cr, Sb); Phthalocyanine (Cu, Cl)	8007 1328
* 17 086 077	M olive green 2	PY53; PY42; PG17; PBr24	Rutile (Ti, Ni, Sb); Hydrated iron oxide; Hematite (Cr); Rutile (Ti, Cr, Sb)	8007
* 17 086 079	O olive green 2	PY53; PY42; PG17; PBr24	Rutile (Ti, Ni, Sb); Hydrated iron oxide; Hematite (Cr); Rutile (Ti, Cr, Sb)	8007
17 087 068	B olive green deep	PY42; PO62; PG7; PG36; PBk11	Hydrated iron oxide; Benzimidazolone; Phthalocyanine (Cu, Cl); Phthalocyanine complex (Cu, Cl, Br); Iron oxide black	2034 1317
17 090 068	B grey violet	PY42; PV15; PB29; PBk11	Hydrated iron oxide; Sodium aluminum silicate; Sodium aluminum silicate; Iron oxide black	2034 1317
* 17 090 069	D grey violet	PY42; PV15; PB29; PBk11	Hydrated iron oxide; Sodium aluminum silicate; Sodium aluminum silicate; Iron oxide black	2034 1317
* 17 090 073	H grey violet	PY42; PV15; PB29; PBk11	Hydrated iron oxide; Sodium aluminum silicate; Sodium aluminum silicate; Iron oxide black	2034 1317
* 17 090 077	M grey violet	PY42; PV15; PB29; PBk11	Hydrated iron oxide; Sodium aluminum silicate; Sodium aluminum silicate; Iron oxide black	2034 1317
* 17 090 079	O grey violet	PY42; PV15; PB29; PBk11	Hydrated iron oxide; Sodium aluminum silicate; Sodium aluminum silicate; Iron oxide black	2034 1317
* 17 091 068	B grey blue 1	PB29; PBk11	Sodium aluminum silicate; Iron oxide black	5745
* 17 091 069	D grey blue 1	PB29; PBk11	Sodium aluminum silicate; Iron oxide black	5745
* 17 091 073	H grey blue 1	PB29; PBk11	Sodium aluminum silicate; Iron oxide black	5745
* 17 091 077	M grey blue 1	PB29; PBk11	Sodium aluminum silicate; Iron oxide black	5745
* 17 091 079	O grey blue 1	PB29; PBk11	Sodium aluminum silicate; Iron oxide black	5745
17 092 068	B reddish grey	PB29; PV15; PV19; PBk11	Sodium aluminum silicate; Sodium aluminum silicate; Quinacridone; Iron oxide black	5745

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Item Numbers: 20033-1009, 20033-1019, 20033-1029, 20033-1209, 20033-1809, 20033-2009, 20033-2999, 20033-4009, 20033-4509, 20033-6009, 20033-9009

**Appendix for material safety data sheet no.: 17 000 000**  
**Pastell**

art.nr.	art.name	C.I.		CAS
17 092 069	D reddish grey	PB29; PV15; PV19; PBk11	Sodium aluminum silicate; Sodium aluminum silicate; Quinacridone; Iron oxide black	5745
* 17 092 073	H reddish grey	PB29; PV15; PV19; PBk11	Sodium aluminum silicate; Sodium aluminum silicate; Quinacridone; Iron oxide black	5745
* 17 092 077	M reddish grey	PB29; PV15; PV19; PBk11	Sodium aluminum silicate; Sodium aluminum silicate; Quinacridone; Iron oxide black	5745
* 17 092 079	O reddish grey	PB29; PV15; PV19; PBk11	Sodium aluminum silicate; Sodium aluminum silicate; Quinacridone; Iron oxide black	5745
17 093 068	B greenish grey 1	PY42; PB29; PBk11	Hydrated iron oxide; Sodium aluminum silicate; Iron oxide black	2034
17 093 069	D greenish grey 1	PY42; PB29; PBk11	Hydrated iron oxide; Sodium aluminum silicate; Iron oxide black	2034
* 17 093 073	H greenish grey 1	PY42; PB29; PBk11	Hydrated iron oxide; Sodium aluminum silicate; Iron oxide black	2034
* 17 093 077	M greenish grey 1	PY42; PB29; PBk11	Hydrated iron oxide; Sodium aluminum silicate; Iron oxide black	2034
* 17 093 079	O greenish grey 1	PY42; PB29; PBk11	Hydrated iron oxide; Sodium aluminum silicate; Iron oxide black	2034
17 094 068	B greenish grey 2	PG17; PB29; PBk11	Hematite (Cr); Sodium aluminum silicate; Iron oxide black	1308
* 17 094 069	D greenish grey 2	PG7; PG17; PBk11	Phthalocyanine (Cu, Cl); Hematite (Cr); Iron oxide black	1328
* 17 094 073	H greenish grey 2	PG7; PG17; PBk11	Phthalocyanine (Cu, Cl); Hematite (Cr); Iron oxide black	1328
* 17 094 077	M greenish grey 2	PG7; PG17; PBk11	Phthalocyanine (Cu, Cl); Hematite (Cr); Iron oxide black	1328
* 17 094 079	O greenish grey 2	PG7; PG17; PBk11	Phthalocyanine (Cu, Cl); Hematite (Cr); Iron oxide black	1328
17 095 068	B cold grey	PB29; PBk11	Sodium aluminum silicate; Iron oxide black	5745
17 095 069	D cold grey	PB29; PBk11	Sodium aluminum silicate; Iron oxide black	5745
* 17 095 073	H cold grey	PB29; PBk11	Sodium aluminum silicate; Iron oxide black	5745
* 17 095 077	M cold grey	PB29; PBk11	Sodium aluminum silicate; Iron oxide black	5745
* 17 095 079	O cold grey	PB29; PBk11	Sodium aluminum silicate; Iron oxide black	5745
17 097 069	D serious black	PG7; PB60; PBk7; PBk8	Phthalocyanine (Cu, Cl); Indanthrone; Lamp black; Nearly pure am. Carbon of vegetable origin	1328
17 098 069	D neutral grey	PBr6; PBk11	Iron oxide mix; Iron oxide black	7266
* 17 098 071	F neutral grey	PBr6; PBk11	Iron oxide mix; Iron oxide black	7266
* 17 098 072	G neutral grey	PBr6; PBk11	Iron oxide mix; Iron oxide black	7266
* 17 098 073	H neutral grey	PBr6; PBk11	Iron oxide mix; Iron oxide black	7266
* 17 098 074	J neutral grey	PBr6; PBk11	Iron oxide mix; Iron oxide black	7266
* 17 098 075	K neutral grey	PBr6; PBk11	Iron oxide mix; Iron oxide black	7266
* 17 098 076	L neutral grey	PBr6; PBk11	Iron oxide mix; Iron oxide black	7266
* 17 098 077	M neutral grey	PBr6; PBk11	Iron oxide mix; Iron oxide black	7266
* 17 098 078	N neutral grey	PBr6; PBk11	Iron oxide mix; Iron oxide black	7266

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**Pastell**

art.nr.	art.name	C.I.		CAS
* 17 098 079	O neutral grey	PBr6; PBk11	Iron oxide mix; Iron oxide black	7266
* 17 099 069	D black	PBk7; PBk9; PBk11	Lamp black; Am. carbonized bones of animals; Iron oxide black	1333
17 600 068	B Delft blue	PV23; PB15:1; PB29; PB60; PBk11	Dioxazine; Phthalocyanine (Cu); Sodium aluminum silicate; Indanthrone; Iron oxide black	6358-9
17 600 069	D Delft blue	PV23; PB15:1; PB29; PB60	Dioxazine; Phthalocyanine (Cu); Sodium aluminum silicate; Indanthrone	6358
* 17 600 073	H Delft blue	PV15; PV23; PB15:1; PB29	Sodium aluminum silicate; Dioxazine; Phthalocyanine (Cu); Sodium aluminum silicate	1276
* 17 600 077	M Delft blue	PV15; PV23; PB15:1; PB29; PB60	Sodium aluminum silicate; Dioxazine; Phthalocyanine (Cu); Sodium aluminum silicate; Indanthrone	1276-77-6
* 17 600 079	O Delft blue	PV15; PV23; PB15:1; PB29; PB60	Sodium aluminum silicate; Dioxazine; Phthalocyanine (Cu); Sodium aluminum silicate; Indanthrone	1276-77-6
17 650 068	B cobalt turquoise	PG50; PB16; PBk11	Spinel (Co, Ni, Zn, Ti); Phthalocyanine; Iron oxide black	6818
17 650 069	D cobalt turquoise	PG50; PB16	Spinel (Co, Ni, Zn, Ti); Phthalocyanine	6818
* 17 650 073	H cobalt turquoise	PG50; PB16	Spinel (Co, Ni, Zn, Ti); Phthalocyanine	6818
* 17 650 077	M cobalt turquoise	PG50; PB16	Spinel (Co, Ni, Zn, Ti); Phthalocyanine	6818
* 17 650 079	O cobalt turquoise	PG50; PB16	Spinel (Co, Ni, Zn, Ti); Phthalocyanine	6818
17 690 068	B cerulean blue	PB15:1; PB29; PG7; PB15; PBk11	Phthalocyanine (Cu); Sodium aluminum silicate; Phthalocyanine (Cu, Cl); Phthalocyanine (Cu); Iron oxide black	147-61-9
17 690 069	D cerulean blue	PB15:1; PB29; PG7; PB15	Phthalocyanine (Cu); Sodium aluminum silicate; Phthalocyanine (Cu, Cl); Phthalocyanine (Cu)	147-
* 17 690 073	H cerulean blue	PB15:1; PB29; PG7; PB15	Phthalocyanine (Cu); Sodium aluminum silicate; Phthalocyanine (Cu, Cl); Phthalocyanine (Cu)	147-
* 17 690 077	M cerulean blue	PB15:1; PB29; PG7; PB15	Phthalocyanine (Cu); Sodium aluminum silicate; Phthalocyanine (Cu, Cl); Phthalocyanine (Cu)	147-
* 17 690 079	O cerulean blue	PB15:1; PB29; PG7; PB15	Phthalocyanine (Cu); Sodium aluminum silicate; Phthalocyanine (Cu, Cl); Phthalocyanine (Cu)	147-
17 893 069	D gold	Effektpigment	Effectpigment	-
17 894 069	D silver	Effektpigment; PBk7	Effectpigment; Lamp black	-; 133
17 910 073	H white pearl	Effektpigment	Effectpigment	-
17 920 073	H yellow pearl	Effektpigment; PY74	Effectpigment; Monoazo	-; 633
17 930 073	H rose pearl	Effektpigment; PV19	Effectpigment; Quinacridone	-; 104
17 940 073	H blue pearl	Effektpigment; PB15:1	Effectpigment; Phthalocyanine (Cu)	-; 147
17 950 073	H green pearl	Effektpigment; PG7	Effectpigment; Phthalocyanine (Cu, Cl)	-; 133

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## Appendix for material safety data sheet no.: 17 000 000

## Pastell

Warning for Prop. 65  
This product contains ..., a chemical known to  
the State of California to cause cancer.

art.nr.	art.name	Titanium dioxide	Carbon Black	Nickel	Cobalt
17 001 069	D white	X	-	-	-
17 002 068	B permanent yellow 1 lemon	-	-	-	-
17 002 069	D permanent yellow 1 lemon	-	-	-	-
17 002 073	H permanent yellow 1 lemon	-	-	-	-
17 002 077	M permanent yellow 1 lemon	-	-	-	-
17 002 079	O permanent yellow 1 lemon	-	-	-	-
17 003 068	B permanent yellow 2 light	-	-	-	-
17 003 069	D permanent yellow 2 light	-	-	-	-
17 003 073	H permanent yellow 2 light	-	-	-	-
17 003 077	M permanent yellow 2 light	-	-	-	-
17 003 079	O permanent yellow 2 light	-	-	-	-
17 004 068	B permanent yellow 3 deep	-	-	-	-
17 004 069	D permanent yellow 3 deep	-	-	-	-
17 004 073	H permanent yellow 3 deep	-	-	-	-
17 004 077	M permanent yellow 3 deep	-	-	-	-
17 004 079	O permanent yellow 3 deep	-	-	-	-
17 005 068	B orange deep	-	-	-	-
17 005 069	D orange deep	-	-	-	-
17 005 073	H orange deep	-	-	-	-
17 005 077	M orange deep	-	-	-	-
17 005 079	O orange deep	-	-	-	-
17 007 068	B titanium yellow	-	-	X	-
17 007 069	D titanium yellow	-	-	X	-
17 007 073	H titanium yellow	-	-	X	-
17 007 077	M titanium yellow	-	-	X	-
17 007 079	O titanium yellow	-	-	X	-
17 008 068	B vanadium yellow light	-	-	-	-
17 008 069	D vanadium yellow light	-	-	-	-
17 008 073	H vanadium yellow light	-	-	-	-
17 008 077	M vanadium yellow light	-	-	-	-
17 008 079	O vanadium yellow light	-	-	-	-
17 009 068	B vanadium yellow deep	-	-	-	-
17 009 069	D vanadium yellow deep	-	-	-	-
17 009 073	H vanadium yellow deep	-	-	-	-
17 009 077	M vanadium yellow deep	-	-	-	-
17 009 079	O Vanadium yellow deep	-	-	-	-
17 010 068	B orange light	-	-	-	-
17 010 069	D orange light	-	-	-	-
17 010 073	H orange light	-	-	-	-
17 010 077	M orange light	-	-	-	-
17 010 079	O orange light	-	-	-	-
17 013 068	B ochre light	-	-	-	-
17 013 069	D ochre light	-	-	-	-
17 013 073	H ochre light	-	-	-	-
17 013 077	M ochre light	-	-	-	-
17 013 079	O ochre light	-	-	-	-
17 014 068	B gold ochre	-	-	-	-
17 014 069	D gold ochre	-	-	-	-
17 014 073	H gold ochre	-	-	-	-
17 014 077	M gold ochre	-	-	-	-
17 014 079	O gold ochre	-	-	-	-
17 016 068	B flesh ochre	-	-	-	-

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Warning for Prop. 65  
This product contains ..., a chemical known to  
the State of California to cause cancer.

art.nr.	art.name	Titanium dioxide	Carbon Black	Nickel	Cobalt
17 016 069	D flesh ochre	-	-	-	-
17 016 073	H flesh ochre	-	-	-	-
17 016 077	M flesh ochre	-	-	-	-
17 016 079	O flesh ochre	-	-	-	-
17 017 068	B orange ochre	-	-	-	-
17 017 069	D orange ochre	-	-	-	-
17 017 073	H orange ochre	-	-	-	-
17 017 077	M orange ochre	-	-	-	-
17 017 079	O orange ochre	-	-	-	-
17 018 068	B burnt Sienna	-	-	-	-
17 018 069	D burnt Sienna	-	-	-	-
17 018 073	H burnt Sienna	-	-	-	-
17 018 077	M burnt Sienna	-	-	-	-
17 018 079	O burnt Sienna	-	-	-	-
17 019 068	B burnt yellow ochre	-	-	-	-
17 019 069	D burnt yellow ochre	-	-	-	-
17 019 073	H burnt yellow ochre	-	-	-	-
17 019 077	M burnt yellow ochre	-	-	-	-
17 019 079	O burnt yellow ochre	-	-	-	-
17 021 068	B Pozzuoli earth	-	-	-	-
17 021 069	D Pozzuoli earth	-	-	-	-
17 021 073	H Pozzuoli earth	-	-	-	-
17 021 077	M Pozzuoli earth	-	-	-	-
17 021 079	O Pozzuoli earth	-	-	-	-
17 022 068	B English red	-	-	-	-
17 022 069	D English red	-	-	-	-
17 022 073	H English red	-	-	-	-
17 022 073	M English red	-	-	-	-
17 022 079	O English red	-	-	-	-
17 023 068	B caput mortuum pale	-	-	-	-
17 023 069	D caput mortuum pale	-	-	-	-
17 023 073	H caput mortuum pale	-	-	-	-
17 023 077	M caput mortuum pale	-	-	-	-
17 023 079	O caput mortuum pale	-	-	-	-
17 024 068	B caput mortuum deep	-	-	-	-
17 024 069	D caput mortuum deep	-	-	-	-
17 024 073	H caput mortuum deep	-	-	-	-
17 024 077	M caput mortuum deep	-	-	-	-
17 024 079	O caput mortuum deep	-	-	-	-
17 025 068	B dark brown	-	-	-	-
17 028 068	B olive ochre light	-	-	-	-
17 028 069	D olive ochre light	-	-	-	-
17 028 073	H olive ochre light	-	-	-	-
17 028 077	M olive ochre light	-	-	-	-
17 028 079	O olive ochre light	-	-	-	-
17 029 068	B olive ochre deep	-	-	-	-
17 029 069	D olive ochre deep	-	-	-	-
17 029 073	H olive ochre deep	-	-	-	-
17 029 077	M olive ochre deep	-	-	-	-
17 029 079	O olive ochre deep	-	-	-	-
17 030 068	B greenish umber	-	-	-	-
17 030 069	D greenish umber	-	-	-	-

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## Appendix for material safety data sheet no.: 17 000 000

## Pastell

Warning for Prop. 65  
This product contains ..., a chemical known to  
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art.nr.	art.name	Titanium dioxide	Carbon Black	Nickel	Cobalt
17 030 073	H greenish umber	-	-	-	-
17 030 077	M greenish umber	-	-	-	-
17 030 079	O greenish umber	-	-	-	-
17 032 068	B brown ochre	-	-	-	-
17 032 069	D brown ochre	-	-	-	-
17 032 073	H brown ochre	-	-	-	-
17 032 077	M brown ochre	-	-	-	-
17 032 079	O brown ochre	-	-	-	-
17 033 068	B burnt green earth	-	-	-	-
17 033 069	D burnt green earth	-	-	-	-
17 033 073	H burnt green earth	-	-	-	-
17 033 077	M burnt green earth	-	-	-	-
17 033 079	O burnt green earth	-	-	-	-
17 035 068	B burnt umber	-	-	-	-
17 035 069	D burnt umber	-	-	-	-
17 035 073	H burnt umber	-	-	-	-
17 035 077	M burnt umber	-	-	-	-
17 035 079	O burnt umber	-	-	-	-
17 036 068	B Vandyke brown	-	-	-	-
17 036 069	D Vandyke brown	-	-	-	-
17 036 073	H Vandyke brown	-	-	-	-
17 036 077	M Vandyke brown	-	-	-	-
17 036 079	O Vandyke brown	-	-	-	-
17 037 068	B sepia brown	-	-	-	-
17 037 069	D sepia brown	-	-	-	-
17 037 073	H sepia brown	-	-	-	-
17 037 077	M sepia brown	-	-	-	-
17 037 079	O sepia brown	-	-	-	-
17 038 068	B walnut brown	-	-	-	-
17 038 069	D walnut brown	-	-	-	-
17 038 073	H walnut brown	-	-	-	-
17 038 077	M walnut brown	-	-	-	-
17 038 079	O walnut brown	-	-	-	-
17 040 068	B vermilion	-	-	-	-
17 040 069	D vermilion	-	-	-	-
17 040 073	H vermilion	-	-	-	-
17 040 077	M vermilion	-	-	-	-
17 040 079	O vermilion	-	-	-	-
17 041 068	B scarlet	-	-	-	-
17 041 069	D scarlet	-	-	-	-
17 041 073	H scarlet	-	-	-	-
17 041 077	M scarlet	-	-	-	-
17 041 079	O scarlet	-	-	-	-
17 042 068	B permanent red 1 pale	-	-	-	-
17 042 069	D permanent red 1 pale	-	-	-	-
17 042 073	H permanent red 1 pale	-	-	-	-
17 042 077	M permanent red 1 pale	-	-	-	-
17 042 079	O permanent red 1 pale	-	-	-	-
17 043 068	B Bordeaux	-	-	-	-
17 043 069	D Bordeaux	-	-	-	-
17 043 073	H Bordeaux	-	-	-	-
17 043 077	M Bordeaux	-	-	-	-

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art.nr.	art.name	Titanium dioxide	Carbon Black	Nickel	Cobalt
17 043 079	O Bordeaux	-	-	-	-
17 044 068	B permanent red 3 deep	-	-	-	-
17 044 069	D permanent red 3 deep	-	-	-	-
17 044 073	H permanent red 3 deep	-	-	-	-
17 044 077	M permanent red 3 deep	-	-	-	-
17 044 079	O permanent red 3 deep	-	-	-	-
17 045 068	B madder lake	-	-	-	-
17 045 069	D madder lake	-	-	-	-
17 045 073	H madder lake	-	-	-	-
17 045 077	M madder lake	-	-	-	-
17 045 079	O madder lake	-	-	-	-
17 046 068	B carmine red	-	-	-	-
17 046 069	D carmine red	-	-	-	-
17 046 073	H carmine red	-	-	-	-
17 046 077	M carmine red	-	-	-	-
17 046 079	O carmine red	-	-	-	-
17 047 068	B rose madder	-	-	-	-
17 047 069	D rose madder	-	-	-	-
17 047 073	H rose madder	-	-	-	-
17 047 077	M rose madder	-	-	-	-
17 047 079	O rose madder	-	-	-	-
17 048 068	B quinacridone violet	-	-	-	-
17 048 069	D quinacridone violet	-	-	-	-
17 048 073	H quinacridone violet	-	-	-	-
17 048 077	M quinacridone violet	-	-	-	-
17 048 079	O quinacridone violet	-	-	-	-
17 049 068	B purple 1	-	-	-	-
17 049 069	D purple 1	-	-	-	-
17 049 073	H purple 1	-	-	-	-
17 049 077	M purple 1	-	-	-	-
17 049 079	O purple 1	-	-	-	-
17 050 068	B purple 2	-	-	-	-
17 050 069	D purple 2	-	-	-	-
17 050 073	H purple 2	-	-	-	-
17 050 077	M purple 2	-	-	-	-
17 050 079	O purple 2	-	-	-	-
17 052 068	B manganese violet	-	-	-	-
17 052 069	D manganese violet	-	-	-	-
17 052 073	H manganese violet	-	-	-	-
17 052 077	M manganese violet	-	-	-	-
17 052 079	O manganese violet	-	-	-	-
17 054 069	D red violet	-	-	-	-
17 055 069	D reddish violet deep	-	-	-	-
17 056 068	B reddish violet	-	-	-	-
17 056 069	D reddish violet	-	-	-	-
17 056 073	H reddish violet	-	-	-	-
17 056 077	M reddish violet	-	-	-	-
17 056 079	O reddish violet	-	-	-	-
17 057 068	B bluish violet	-	-	-	-
17 057 069	D bluish violet	-	-	-	-
17 057 073	H bluish violet	-	-	-	-

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art.nr.	art.name	Titanium dioxide	Carbon Black	Nickel	Cobalt
17 057 077	M bluish violet	-	-	-	-
17 057 079	O bluish violet	-	-	-	-
17 059 068	B deep violet	-	-	-	-
17 059 069	D deep violet	-	-	-	-
17 059 073	H deep violet	-	-	-	-
17 059 077	M deep violet	-	-	-	-
17 059 079	O deep violet	-	-	-	-
17 060 069	D ultramarine blue deep	-	-	-	-
17 061 068	B phthalo blue deep	-	-	-	-
17 061 069	D phthalo blue deep	-	-	-	-
17 061 073	H phthalo blue deep	-	-	-	-
17 061 077	M phthalo blue deep	-	-	-	-
17 061 079	O phthalo blue deep	-	-	-	-
17 062 068	B ultramarine light	-	-	-	-
17 062 069	D ultramarine light	-	-	-	-
17 062 073	H ultramarine light	-	-	-	-
17 062 077	M ultramarine light	-	-	-	-
17 062 079	O ultramarine light	-	-	-	-
17 063 068	B ultramarine deep	-	-	-	-
17 063 069	D ultramarine deep	-	-	-	-
17 063 073	H ultramarine deep	-	-	-	-
17 063 077	M ultramarine deep	-	-	-	-
17 063 079	O ultramarine deep	-	-	-	-
17 064 068	B cobalt blue hue	-	-	-	-
17 064 069	D cobalt blue hue	-	-	-	-
17 064 073	H cobalt blue hue	-	-	-	-
17 064 077	M cobalt blue hue	-	-	-	-
17 064 079	O cobalt blue hue	-	-	-	-
17 065 068	B greenish blue	-	-	-	-
17 065 069	D greenish blue	-	-	-	-
17 065 073	H greenish blue	-	-	-	-
17 065 077	M greenish blue	-	-	-	-
17 065 079	O greenish blue	-	-	-	-
17 066 068	B Prussian blue	-	-	-	-
17 066 069	D Prussian blue	-	-	-	-
17 066 073	H Prussian blue	-	-	-	-
17 066 077	M Prussian blue	-	-	-	X
17 066 079	O Prussian blue	-	-	-	X
17 067 068	B indigo hue	-	-	-	-
17 067 069	D indigo hue	-	-	-	-
17 067 073	H indigo hue	-	-	-	-
17 067 077	M indigo hue	-	-	-	-
17 067 079	O indigo hue	-	-	-	-
17 068 068	B bluish green	-	-	-	X
17 068 069	D bluish green	-	-	-	X
17 068 073	H bluish green	-	-	-	X
17 068 077	M bluish green	-	-	-	X
17 068 079	O bluish green	-	-	-	X
17 069 068	B bluish green deep	-	-	-	-
17 069 069	D bluish green deep	-	-	-	-
17 069 073	H bluish green deep	-	-	-	-
17 069 077	M bluish green deep	-	-	-	-

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art.nr.	art.name	Titanium dioxide	Carbon Black	Nickel	Cobalt
17 069 079	O bluish green deep	-	-	-	-
17 070 068	B leaf green deep	-	-	-	-
17 070 069	D leaf green deep	-	-	-	-
17 070 073	H leaf green deep	-	-	-	-
17 070 077	M leaf green deep	-	-	-	-
17 070 079	O leaf green deep	-	-	-	-
17 071 068	B light green	-	-	-	-
17 071 069	D light green	-	-	-	-
17 071 073	H light green	-	-	-	-
17 071 077	M light green	-	-	-	-
17 071 079	O light green	-	-	-	-
17 072 068	B leaf green 1	-	-	X	-
17 072 069	D leaf green 1	-	-	X	-
17 072 073	H leaf green 1	-	-	-	-
17 072 073	M leaf green 1	-	-	-	-
17 072 073	O leaf green 1	-	-	-	-
17 073 068	B leaf green 2	-	-	-	-
17 073 069	D leaf green 2	-	-	-	-
17 073 073	H leaf green 2	-	-	-	-
17 073 077	M leaf green 2	-	-	-	-
17 073 079	O leaf green 2	-	-	-	-
17 074 068	B phthalo green deep	-	-	-	-
17 074 069	D phthalo green deep	-	-	-	-
17 074 073	H phthalo green deep	-	-	-	-
17 074 077	M phthalo green deep	-	-	-	-
17 074 079	O phthalo green deep	-	-	-	-
17 075 068	B mossy green 1	-	-	X	-
17 075 069	D mossy green 1	-	-	X	-
17 075 073	H mossy green 1	-	-	X	-
17 075 077	M mossy green 1	-	-	X	-
17 075 079	O mossy green 1	-	-	X	-
17 076 068	B mossy green 2	-	-	-	-
17 076 069	D mossy green 2	-	-	-	-
17 076 073	H mossy green 2	-	-	-	-
17 076 077	M mossy green 2	-	-	-	-
17 076 079	O mossy green 2	-	-	-	-
17 077 068	B may green	-	-	-	-
17 077 069	D may green	-	-	-	-
17 077 073	H may green	-	-	-	-
17 077 077	M may green	-	-	-	-
17 077 079	O may green	-	-	-	-
17 080 068	B cold green 1	-	-	-	X
17 080 069	D cold green 1	-	-	-	X
17 080 073	H cold green 1	-	-	-	-
17 080 077	M cold green 1	-	-	-	-
17 080 079	O cold green 1	-	-	-	-
17 081 068	B cold green deep	-	-	-	X
17 081 069	D cold green deep	-	-	-	X
17 081 073	H cold green deep	-	-	-	X
17 081 077	M cold green deep	-	-	-	X
17 081 079	O cold green deep	-	-	-	X

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art.nr.	art.name	Titanium dioxide	Carbon Black	Nickel	Cobalt
17 082 068	B Verona green	-	-	-	-
17 082 069	D Verona green	-	-	-	-
17 082 073	H Verona green	-	-	-	-
17 082 077	M Verona green	-	-	-	-
17 082 079	O Verona green	-	-	-	-
17 083 068	B Bohemian green	-	-	-	-
17 083 069	D Bohemian green	-	-	-	-
17 083 073	H Bohemian green	-	-	-	-
17 083 077	M Bohemian green	-	-	-	-
17 083 079	O Bohemian green	-	-	-	-
17 084 068	B chromium oxide green	-	-	-	-
17 084 068	D chromium oxide green	-	-	-	-
17 084 068	H chromium oxide green	-	-	-	-
17 084 068	M chromium oxide green	-	-	-	-
17 084 068	O chromium oxide green	-	-	-	-
17 085 068	B olive green 1	-	-	-	-
17 085 069	D olive green 1	-	-	-	-
17 085 073	H olive green 1	-	-	-	-
17 085 077	M olive green 1	-	-	-	-
17 085 079	O olive green 1	-	-	-	-
17 086 068	B olive green 2	-	-	-	-
17 086 069	D olive green 2	-	-	X	-
17 086 073	H olive green 2	-	-	X	-
17 086 077	M olive green 2	-	-	X	-
17 086 079	O olive green 2	-	-	X	-
17 087 068	B olive green deep	-	-	-	-
17 090 068	B grey violet	-	-	-	-
17 090 069	D grey violet	-	-	-	-
17 090 073	H grey violet	-	-	-	-
17 090 077	M grey violet	-	-	-	-
17 090 079	O grey violet	-	-	-	-
17 091 068	B grey blue 1	-	-	-	-
17 091 069	D grey blue 1	-	-	-	-
17 091 073	H grey blue 1	-	-	-	-
17 091 077	M grey blue 1	-	-	-	-
17 091 079	O grey blue 1	-	-	-	-
17 092 068	B reddish grey	-	-	-	-
17 092 069	D reddish grey	-	-	-	-
17 092 073	H reddish grey	-	-	-	-
17 092 077	M reddish grey	-	-	-	-
17 092 079	O reddish grey	-	-	-	-
17 093 068	B greenish grey 1	-	-	-	-
17 093 069	D greenish grey 1	-	-	-	-
17 093 073	H greenish grey 1	-	-	-	-
17 093 077	M greenish grey 1	-	-	-	-
17 093 079	O greenish grey 1	-	-	-	-
17 094 068	B greenish grey 2	-	-	-	-
17 094 069	D greenish grey 2	-	-	-	-
17 094 073	H greenish grey 2	-	-	-	-
17 094 077	M greenish grey 2	-	-	-	-
17 094 079	O greenish grey 2	-	-	-	-

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art.nr.	art.name	Titanium dioxide	Carbon Black	Nickel	Cobalt
17 095 068	B cold grey	-	-	-	-
17 095 069	D cold grey	-	-	-	-
17 095 073	H cold grey	-	-	-	-
17 095 077	M cold grey	-	-	-	-
17 095 079	O cold grey	-	-	-	-
17 097 069	D serious black	-	X	-	-
17 098 069	D neutral grey	-	-	-	-
17 098 071	F neutral grey	-	-	-	-
17 098 072	G neutral grey	-	-	-	-
17 098 073	H neutral grey	-	-	-	-
17 098 074	J neutral grey	-	-	-	-
17 098 075	K neutral grey	-	-	-	-
17 098 076	L neutral grey	-	-	-	-
17 098 077	M neutral grey	-	-	-	-
17 098 078	N neutral grey	-	-	-	-
17 098 079	O neutral grey	-	-	-	-
17 099 069	D black	-	X	-	-
17 600 068	B Delft blue	-	-	-	-
17 600 069	D Delft blue	-	-	-	-
17 600 073	H Delft blue	-	-	-	-
17 600 077	M Delft blue	-	-	-	-
17 600 079	O Delft blue	-	-	-	-
17 650 068	B cobalt turquoise	-	-	X	X
17 650 069	D cobalt turquoise	-	-	X	X
17 650 073	H cobalt turquoise	-	-	X	X
17 650 077	M cobalt turquoise	-	-	X	X
17 650 079	O cobalt turquoise	-	-	X	X
17 690 068	B cerulean blue	-	-	-	-
17 690 069	D cerulean blue	-	-	-	-
17 690 073	H cerulean blue	-	-	-	-
17 690 077	M cerulean blue	-	-	-	-
17 690 079	O cerulean blue	-	-	-	-
17 893 069	D gold	-	-	-	-
17 894 069	D silver	-	X	-	-
17 910 073	H white pearl	-	-	-	-
17 920 073	H yellow pearl	-	-	-	-
17 930 073	H rose pearl	-	-	-	-
17 940 073	H blue pearl	-	-	-	-
17 950 073	H green pearl	-	-	-	-