

SAFETY DATA SHEET

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

series 17 - Pastell

Article No.		Issue date:	20.10.16
Version	3 (19.10.16)	Page	1 / 8

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

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	Emergencycall Berlin
Phone #	(24h - counseling in german and english)
	+49 (0) 30-30686790

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to EC regulation 1272/2008 (CLP)

no hazard labelling required

2.2 Label elements

Labelling (CLP)

Signal word

Hazard statements

no hazard labelling required

Safety precautions

2.3 Other hazards

SECTION 3: Composition / information on ingredients

3.1 Substances

Chemical characterisation

pigment with different chemical composition

CAS-Number

EINECS / ELINCS / NLP

EU index number

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

3.2 Mixtures

Additional information

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 High power 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

Do not breathe dust. Avoid contact with eyes and skin.

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, placing in appropriate containers for disposal.

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

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
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Initial boiling point and

boiling range

Melting point/freezing point

Flash point/flash point range

Flammability

Ignition temperature

Auto-ignition temperature

Explosion limits

Refraction index

Partition coefficient: n-octanol/water

Danger of explosion

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

PH value

Viscosity dynamic of
Viscosity dynamic up to

Viscosity kinematic of
Viscosity kinematic up to

9.2 Other information

SECTION 10: Stability and reactivity

10.1 Reactivity

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

Toxicological tests

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity

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

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

IATA

14.4 Packing group

14.5 Environmental hazards

Marine Pollutant - IMDG

Marine Pollutant - ADN

14.6 Special precautions for user

Land transport

Code: ADR/RID

Kemmler-number

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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
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

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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

SECTION 16: Other information

Further information

Hazard statements (CLP)

Further information

This information is based on our current state of knowledge and describes the security standards applicable to our product for the purpose provided. The information provided here does not constitute a legally binding warranty of specific characteristics or of suitability for a specific application use of the product is thus to be adapted to the user's special conditions and checked by preliminary tests. We are thus unable to guarantee product characteristics or accept an liability for damage arising in connection with the use of our products.

Literature

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

Reason of change

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Additional information

Appendix for material safety data sheet no.: 17 000 000
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art.nr.	art.name	C.I.		CAS-nr.
17 001 069	D white	PW6	Titanium dioxide	13463-67-7
17 002 068	B permanent yellow 1 lemon	PY3; PBk11	Monoazo; Iron oxide black	6486-23-3; 1317-61-9
17 002 069	D permanent yellow 1 lemon	PW6; PY3	Titanium dioxide; Monoazo	13463-67-7; 6486-23-3
17 002 073	H permanent yellow 1 lemon	PW6; PY3	Titanium dioxide; Monoazo	13463-67-7; 6486-23-3
17 002 077	M permanent yellow 1 lemon	PW6; PY3	Titanium dioxide; Monoazo	13463-67-7; 6486-23-3
17 002 079	O permanent yellow 1 lemon	PW6; PY3	Titanium dioxide; Monoazo	13463-67-7; 6486-23-3
17 003 068	B permanent yellow 2 light	PY74; PY138; PBk11	Monoazo; Chinophthalone; Iron oxide black	6358-31-2; 56731-19-2; 1317-61-9
17 003 069	D permanent yellow 2 light	PY74; PY138	Monoazo; Chinophthalone	6358-31-2; 56731-19-2
17 003 073	H permanent yellow 2 light	PW6; PY74; PY138	Titanium dioxide; Monoazo; Chinophthalone	13463-67-7; 6358-31-2; 56731-19-2
17 003 077	M permanent yellow 2 light	PW6; PY74	Titanium dioxide; Monoazo	13463-67-7; 6358-31-2
17 003 079	O permanent yellow 2 light	PW6; PY74	Titanium dioxide; Monoazo	13463-67-7; 6358-31-2
17 004 068	B permanent yellow 3 deep	PY83; PBk11	Diaryl; Iron oxide black	5567-15-7; 1317-61-9
17 004 069	D permanent yellow 3 deep	PY83	Diaryl	5567-15-7
17 004 073	H permanent yellow 3 deep	PW6; PY83	Titanium dioxide; Diaryl	13463-67-7; 5567-15-7
17 004 077	M permanent yellow 3 deep	PW6; PY83	Titanium dioxide; Diaryl	13463-67-7; 5567-15-7
17 004 079	O permanent yellow 3 deep	PW6; PY83	Titanium dioxide; Diaryl	13463-67-7; 5567-15-7
17 005 068	B orange deep	PO43; PO61; PBk11	Perinone; Isoindoline; Iron oxide black	4424-06-0; 76168-74-6; 1317-61-9
17 005 069	D orange deep	PO43; PO61	Perinone; Isoindoline	4424-06-0; 76168-74-6
17 005 073	H orange deep	PW6; PO43; PO61	Titanium dioxide; Perinone; Isoindoline	13463-67-7; 4424-06-0; 76168-74-6
17 005 077	M orange deep	PW6; PO43; PO61	Titanium dioxide; Perinone; Isoindoline	13463-67-7; 4424-06-0; 76168-74-6
17 005 079	O orange deep	PW6; PO43; PO61	Titanium dioxide; Perinone; Isoindoline	13463-67-7; 4424-06-0; 76168-74-6
17 007 068	B titanium yellow	PY53; PBk11	Rutile (Ti, Ni, Sb); Iron oxide black	8007-18-9; 1317-61-9
17 007 069	D titanium yellow	PY53	Rutile (Ti, Ni, Sb)	8007-18-9
17 007 073	H titanium yellow	PW6; PY53	Titanium dioxide; Rutile (Ti, Ni, Sb)	13463-67-7; 8007-18-9
17 007 077	M titanium yellow	PW6; PY53	Titanium dioxide; Rutile (Ti, Ni, Sb)	13463-67-7; 8007-18-9
17 007 079	O titanium yellow	PW6; PY53	Titanium dioxide; Rutile (Ti, Ni, Sb)	13463-67-7; 8007-18-9
17 008 068	B vanadium yellow light	PY74; PY138; PBk11	Monoazo; Chinophthalone; Iron oxide black	6358-31-2; 56731-19-2; 1317-61-9
17 008 069	D vanadium yellow light	PY74; PY138; PBk11	Monoazo; Chinophthalone; Iron oxide black	6358-31-2; 56731-19-2; 1317-61-9
17 008 073	H vanadium yellow light	PW6; PY138; PY184	Titanium dioxide; Chinophthalone; Bismuth vanadate	13463-67-7; 56731-19-2; 14059-33-7
17 008 077	M vanadium yellow light	PW6; PY184	Titanium dioxide; Bismuth vanadate	13463-67-7; 14059-33-7
17 008 079	O vanadium yellow light	PW6; PY184	Titanium dioxide; Bismuth vanadate	13463-67-7; 14059-33-7
17 009 068	B vanadium yellow deep	PY155; PBk11	Disazo; Iron oxide black	68516-73-4; 1317-61-9
17 009 069	D vanadium yellow deep	PY155; PY184	Disazo; Bismuth vanadate	68516-73-4; 14059-33-7
17 009 073	H vanadium yellow deep	PW6; PY155; PY184	Titanium dioxide; Disazo; Bismuth vanadate	13463-67-7; 68516-73-4; 14059-33-7
17 009 077	M vanadium yellow deep	PW6; PY155; PY184	Titanium dioxide; Disazo; Bismuth vanadate	13463-67-7; 68516-73-4; 14059-33-7
17 009 079	O Vanadium yellow deep	PW6; PY155; PY184	Titanium dioxide; Disazo; Bismuth vanadate	13463-67-7; 68516-73-4; 14059-33-7
17 010 068	B orange light	PO62; PBk11	Benzimidazolone; Iron oxide black	75601-68-2; 1317-61-9
17 010 069	D orange light	PO62	Benzimidazolone	75601-68-2
17 010 073	H orange light	PW6; PY83; PO62	Titanium dioxide; Diaryl; Benzimidazolone	13463-67-7; 5567-15-7; 75601-68-2

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17 010 077	M orange light	PW6; PY83; PO62	Titanium dioxide; Diaryl; Benzimidazolone	13463-67-7; 5567-15-7; 75601-68-2
17 010 079	O orange light	PW6; PY83; PO62	Titanium dioxide; Diaryl; Benzimidazolone	13463-67-7; 5567-15-7; 75601-68-2
17 013 068	B ochre light	PY42; PBr24; PBk11	Hydrated iron oxide; Rutile (Ti, Cr, Sb); Iron oxide black	20344-49-4; 68186-90-3; 1317-61-9
17 013 069	D ochre light	PY42; PG17; PBr24	Hydrated iron oxide; Hematite (Cr); Rutile (Ti, Cr, Sb)	20344-49-4; 1308-38-9; 68186-90-3
17 013 073	H ochre light	PW6; PY42	Titanium dioxide; Hydrated iron oxide	13463-67-7; 20344-49-4
17 013 077	M ochre light	PW6; PY42	Titanium dioxide; Hydrated iron oxide	13463-67-7; 20344-49-4
17 013 079	O ochre light	PW6; PY42	Titanium dioxide; Hydrated iron oxide	13463-67-7; 20344-49-4
17 014 068	B gold ochre	PY42; PBr24; PBk11	Hydrated iron oxide; Rutile (Ti, Cr, Sb); Iron oxide black	20344-49-4; 68186-90-3; 1317-61-9
17 014 069	D gold ochre	PY42; PG17; PBr24	Hydrated iron oxide; Hematite (Cr); Rutile (Ti, Cr, Sb)	20344-49-4; 1308-38-9; 68186-90-3
17 014 073	H gold ochre	PW6; PY42	Titanium dioxide; Hydrated iron oxide	13463-67-7; 20344-49-4
17 014 077	M gold ochre	PW6; PY42	Titanium dioxide; Hydrated iron oxide	13463-67-7; 20344-49-4
17 014 079	O gold ochre	PW6; PY42	Titanium dioxide; Hydrated iron oxide	13463-67-7; 20344-49-4
17 016 068	B flesh ochre	PY42; PBr24; PBk11	Hydrated iron oxide; Rutile (Ti, Cr, Sb); Iron oxide black	20344-49-4; 68186-90-3; 1317-61-9
17 016 069	D flesh ochre	PY42; PBr24	Hydrated iron oxide; Rutile (Ti, Cr, Sb)	20344-49-4; 68186-90-3
17 016 073	H flesh ochre	PW6; PY42; PR101; PBr24	Titanium dioxide; Hydrated iron oxide; Iron oxide; Rutile (Ti,Cr,Sb)	13463-67-7; 20344-49-4; 1309-37-1; 68186-90-3
17 016 077	M flesh ochre	PW6; PY42; PR101	Titanium dioxide; Hydrated iron oxide; Iron oxide	13463-67-7; 20344-49-4; 1309-37-1
17 016 079	O flesh ochre	PW6; PY42	Titanium dioxide; Hydrated iron oxide	13463-67-7; 20344-49-4
17 017 068	B orange ochre	PY42;PY119;PR101;PBk11	Hydrated iron oxide; Spinel (Zn, Fe); Iron oxide; Iron oxide black	20344-49-4; 68186-90-3; 1309-37-1; 1317-61-9
17 017 069	D orange ochre	PY42; PY119	Hydrated iron oxide; Spinel (Zn, Fe)	20344-49-4; 68186-90-3
17 017 073	H orange ochre	PW6; PY42; PR101; PBr24	Titanium dioxide; Hydrated iron oxide; Iron oxide; Rutile (Ti,Cr,Sb)	13463-67-7; 20344-49-4; 1309-37-1; 68186-90-3
17 017 077	M orange ochre	PW6; PY42; PR101	Titanium dioxide; Hydrated iron oxide; Iron oxide	13463-67-7; 20344-49-4; 1309-37-1
17 017 079	O orange ochre	PW6; PY42; PR101	Titanium dioxide; Hydrated iron oxide; Iron oxide	13463-67-7; 20344-49-4; 1309-37-1
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	68186-90-3; 1309-37-1; 72669-22-8; 68186-90-3; 1317-61-9
17 018 069	D burnt Sienna	PY119; PR101; PBr6; PBr24	Spinel (Zn, Fe); Iron oxide; Iron oxide mix; Rutile (Ti, Cr, Sb)	68186-90-3; 1309-37-1; 72669-22-8; 68186-90-3
17 018 073	H burnt Sienna	PW6; PY42; PR101; PBr6	Titanium dioxide; Hydrated iron oxide; Iron oxide; Iron oxide mix	13463-67-7; 20344-49-4; 1309-37-1; 72669-22-8
17 018 077	M burnt Sienna	PW6; PY42; PR101	Titanium dioxide; Hydrated iron oxide; Iron oxide	13463-67-7; 20344-49-4; 1309-37-1
17 018 079	O burnt Sienna	PW6; PY42; PR101; PBr6	Titanium dioxide; Hydrated iron oxide; Iron oxide; Iron oxide mix	13463-67-7; 20344-49-4; 1309-37-1; 72669-22-8
17 019 068	B burnt yellow ochre	PY42; PR101; PBk11	Hydrated iron oxide; Iron oxide; Iron oxide black	20344-49-4; 1309-37-1; 1317-61-9
17 019 069	D burnt yellow ochre	PY42; PR101	Hydrated iron oxide; Iron oxide	20344-49-4; 1309-37-1
17 019 073	H burnt yellow ochre	PW6; PY42; PR101	Titanium dioxide; Hydrated iron oxide; Iron oxide	13463-67-7; 20344-49-4; 1309-37-1
17 019 077	M burnt yellow ochre	PW6; PY42; PR101	Titanium dioxide; Hydrated iron oxide; Iron oxide	13463-67-7; 20344-49-4; 1309-37-1
17 019 079	O burnt yellow ochre	PW6; PY42; PR101	Titanium dioxide; Hydrated iron oxide; Iron oxide	13463-67-7; 20344-49-4; 1309-37-1
17 021 068	B Pozzuoli earth	PW6; PY42; PR101; PBk11	Titanium dioxide; Hydrated iron oxide; Iron oxide; Iron oxide black	13463-67-7; 20344-49-4; 1309-37-1; 1317-61-9
17 021 069	D Pozzuoli earth	PW6; PY42; PR101	Titanium dioxide; Hydrated iron oxide; Iron oxide	13463-67-7; 20344-49-4; 1309-37-1
17 021 073	H Pozzuoli earth	PW6; PY42; PR101	Titanium dioxide; Hydrated iron oxide; Iron oxide	13463-67-7; 20344-49-4; 1309-37-1
17 021 077	M Pozzuoli earth	PW6; PY42; PR101	Titanium dioxide; Hydrated iron oxide; Iron oxide	13463-67-7; 20344-49-4; 1309-37-1
17 021 079	O Pozzuoli earth	PW6; PY42; PR101	Titanium dioxide; Hydrated iron oxide; Iron oxide	13463-67-7; 20344-49-4; 1309-37-1
17 022 068	B English red	PY42; PR101; PBr33; PBk11	Hydrated iron oxide; Iron oxide; Spinel (Zn,Fe,Cr); Iron oxide black	20344-49-4; 1309-37-1; 68186-88-9; 1317-61-9

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17 022 069	D English red	PY42; PR101; PBr33	Hydrated iron oxide; Iron oxide; Spinel (Zn,Fe,Cr)	20344-49-4; 1309-37-1; 68186-88-9
17 022 073	H English red	PW6; PR101	Titanium dioxide; Iron oxide	13463-67-7; 1309-37-1
17 022 073	M English red	PW6; PR101	Titanium dioxide; Iron oxide	13463-67-7; 1309-37-1
17 022 079	O English red	PW6; PR101	Titanium dioxide; Iron oxide	13463-67-7; 1309-37-1
17 023 068	B caput mortuum pale	PR101; PBk11	Iron oxide; Iron oxide black	1309-37-1; 1317-61-9
17 023 069	D caput mortuum pale	PR101	Iron oxide	1309-37-1
17 023 073	H caput mortuum pale	PW6; PR101	Titanium dioxide; Iron oxide	13463-67-7; 1309-37-1
17 023 077	M caput mortuum pale	PW6; PR101	Titanium dioxide; Iron oxide	13463-67-7; 1309-37-1
17 023 079	O caput mortuum pale	PW6; PR101	Titanium dioxide; Iron oxide	13463-67-7; 1309-37-1
17 024 068	B caput mortuum deep	PR101; PBk11	Iron oxide; Iron oxide black	1309-37-1; 1317-61-9
17 024 069	D caput mortuum deep	PR101	Iron oxide	1309-37-1
17 024 073	H caput mortuum deep	PW6; PR101	Titanium dioxide; Iron oxide	13463-67-7; 1309-37-1
17 024 077	M caput mortuum deep	PW6; PR101	Titanium dioxide; Iron oxide	13463-67-7; 1309-37-1
17 024 079	O caput mortuum deep	PW6; PR101	Titanium dioxide; Iron oxide	13463-67-7; 1309-37-1
17 025 068	B dark brown	PR101; PBk11	Iron oxide; Iron oxide black	1309-37-1; 1317-61-9
17 028 068	B olive ochre light	PY42; PG17; PBr24; PBk11	Hydrated iron oxide; Hematite (Cr); Rutile (Ti,Cr,Sb); Iron oxide black	20344-49-4; 1308-38-9; 68186-90-3; 1317-61-9
17 028 069	D olive ochre light	PY42; PG17; PBr24; PBk11	Hydrated iron oxide; Hematite (Cr); Rutile (Ti,Cr,Sb); Iron oxide black	20344-49-4; 1308-38-9; 68186-90-3; 1317-61-9
17 028 073	H olive ochre light	PW6; PY42; PG17	Titanium dioxide; Hydrated iron oxide; Hematite (Cr)	13463-67-7; 20344-49-4; 1308-38-9
17 028 077	M olive ochre light	PW6; PY42; PG17	Titanium dioxide; Hydrated iron oxide; Hematite (Cr)	13463-67-7; 20344-49-4; 1308-38-9
17 028 079	O olive ochre light	PW6; PY42; PG17	Titanium dioxide; Hydrated iron oxide; Hematite (Cr)	13463-67-7; 20344-49-4; 1308-38-9
17 029 068	B olive ochre deep	PY42; PG17; PBr24; PBk11	Hydrated iron oxide; Hematite (Cr); Rutile (Ti,Cr,Sb); Iron oxide black	20344-49-4; 1308-38-9; 68186-90-3; 1317-61-9
17 029 069	D olive ochre deep	PY42; PG17; PBr24; PBk11	Hydrated iron oxide; Hematite (Cr); Rutile (Ti,Cr,Sb); Iron oxide black	20344-49-4; 1308-38-9; 68186-90-3; 1317-61-9
17 029 073	H olive ochre deep	PW6; PY42; PG17	Titanium dioxide; Hydrated iron oxide; Hematite (Cr)	13463-67-7; 20344-49-4; 1308-38-9
17 029 077	M olive ochre deep	PW6; PY42; PG17	Titanium dioxide; Hydrated iron oxide; Hematite (Cr)	13463-67-7; 20344-49-4; 1308-38-9
17 029 079	O olive ochre deep	PW6; PY42; PG17	Titanium dioxide; Hydrated iron oxide; Hematite (Cr)	13463-67-7; 20344-49-4; 1308-38-9
17 030 068	B greenish umber	PY42; PBk11	Hydrated iron oxide; Iron oxide black	20344-49-4; 1317-61-9
17 030 069	D greenish umber	PY42; PY119; PBk11	Hydrated iron oxide; Spinel (Zn, Fe); Iron oxide black	20344-49-4; 68186-90-3; 1317-61-9
17 030 073	H greenish umber	PW6; PY42; PBk11	Titanium dioxide; Hydrated iron oxide; Iron oxide black	13463-67-7; 20344-49-4; 1317-61-9
17 030 077	M greenish umber	PW6; PY42; PBk11	Titanium dioxide; Hydrated iron oxide; Iron oxide black	13463-67-7; 20344-49-4; 1317-61-9
17 030 079	O greenish umber	PW6; PY42; PBk11	Titanium dioxide; Hydrated iron oxide; Iron oxide black	13463-67-7; 20344-49-4; 1317-61-9
17 032 068	B brown ochre	PY42; PY119; PBr24; PBk11	Hydrated iron oxide; Spinel (Zn, Fe); Rutile (Ti, Cr, Sb); Iron oxide black	20344-49-4; 68186-90-3; 68186-90-3; 1317-61-9
17 032 069	D brown ochre	PY42; PY119; PBr24; PBk11	Hydrated iron oxide; Spinel (Zn, Fe); Rutile (Ti, Cr, Sb); Iron oxide black	20344-49-4; 68186-90-3; 68186-90-3; 1317-61-9
17 032 073	H brown ochre	PW6; PY42; PY119; PBr24; PBk11	Titanium dioxide; Hydrated iron oxide; Spinel (Zn, Fe); Rutile (Ti, Cr, Sb); Iron oxide black	13463-67-7; 20344-49-4; 68186-90-3; 68186-90-3; 1317-61-9
17 032 077	M brown ochre	PW6; PY42; PBr6; PBk11	Titanium dioxide; Hydrated iron oxide; Iron oxide mix; Iron oxide black	13463-67-7; 20344-49-4; 72669-22-8; 1317-61-9
17 032 079	O brown ochre	PW6; PY42; PBr6	Titanium dioxide; Hydrated iron oxide; Iron oxide mix	13463-67-7; 20344-49-4; 72669-22-8

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17 033 068	B burnt green earth	PY119; PR101; PBk11	Spinel (Zn, Fe); Iron oxide; Iron oxide black	68186-90-3; 1309-37-1; 1317-61-9
17 033 069	D burnt green earth	PY119; PR101	Spinel (Zn, Fe); Iron oxide	68186-90-3; 1309-37-1
17 033 073	H burnt green earth	PW6; PY119; PR101	Titanium dioxide; Spinel (Zn, Fe); Iron oxide	13463-67-7; 68186-90-3; 1309-37-1
17 033 077	M burnt green earth	PW6; PY42; PR101; PBr6	Titanium dioxide; Hydrated iron oxide; Iron oxide; Iron oxide mix	13463-67-7; 20344-49-4; 1309-37-1; 72669-22-8
17 033 079	O burnt green earth	PW6; PY42; PR101; PBr6; PBk11	Titanium dioxide; Hydrated iron oxide; Iron oxide; Iron oxide mix; Iron oxide black	13463-67-7; 20344-49-4; 1309-37-1; 72669-22-8; 1317-61-9
17 035 068	B burnt umber	PBr6; PBk11	Iron oxide mix; Iron oxide black	72669-22-8; 1317-61-9
17 035 069	D burnt umber	PBr6; PBk11	Iron oxide mix; Iron oxide black	72669-22-8; 1317-61-9
17 035 073	H burnt umber	PW6; PY42; PBr6; PBk11	Titanium dioxide; Hydrated iron oxide; Iron oxide mix; Iron oxide black	13463-67-7; 20344-49-4; 72669-22-8; 1317-61-9
17 035 077	M burnt umber	PW6; PY42; PBr6; PBk11	Titanium dioxide; Hydrated iron oxide; Iron oxide mix; Iron oxide black	13463-67-7; 20344-49-4; 72669-22-8; 1317-61-9
17 035 079	O burnt umber	PW6; PY42; PBr6; PBk11	Titanium dioxide; Hydrated iron oxide; Iron oxide mix; Iron oxide black	13463-67-7; 20344-49-4; 72669-22-8; 1317-61-9
17 036 068	B Vandyke brown	PR101; PBr6; PBr33; PBk11	Iron oxide; Iron oxide mix; Spinel (Zn,Fe,Cr); Iron oxide black	1309-37-1; 72669-22-8; 68186-88-9; 1317-61-9
17 036 069	D Vandyke brown	PR101; PBr6; PBr33; PBk11	Iron oxide; Iron oxide mix; Spinel (Zn,Fe,Cr); Iron oxide black	1309-37-1; 72669-22-8; 68186-88-9; 1317-61-9
17 036 073	H Vandyke brown	PW6; PR101; PBr6; PBk11	Titanium dioxide; Iron oxide; Iron oxide mix; Iron oxide black	13463-67-7; 1309-37-1; 72669-22-8; 1317-61-9
17 036 077	M Vandyke brown	PW6; PR101; PBr6; PBk11	Titanium dioxide; Iron oxide; Iron oxide mix; Iron oxide black	13463-67-7; 1309-37-1; 72669-22-8; 1317-61-9
17 036 079	O Vandyke brown	PW6; PR101; PBr6; PBk11	Titanium dioxide; Iron oxide; Iron oxide mix; Iron oxide black	13463-67-7; 1309-37-1; 72669-22-8; 1317-61-9
17 037 068	B sepia brown	PY42; PBr6; PBr33; PBk11	Hydrated iron oxide; Iron oxide mix; Spinel (Zn,Fe,Cr); Iron oxide black	20344-49-4; 72669-22-8; 68186-88-9; 1317-61-9
17 037 069	D sepia brown	PBr6; PBr33; PBk11	Iron oxide mix; Spinel (Zn,Fe,Cr); Iron oxide black	72669-22-8; 68186-88-9; 1317-61-9
17 037 073	H sepia brown	PW6; PBr6; PBk11	Titanium dioxide; Iron oxide mix; Iron oxide black	13463-67-7; 72669-22-8; 1317-61-9
17 037 077	M sepia brown	PW6; PBr6; PBk11	Titanium dioxide; Iron oxide mix; Iron oxide black	13463-67-7; 72669-22-8; 1317-61-9
17 037 079	O sepia brown	PW6; PBr6; PBk11	Titanium dioxide; Iron oxide mix; Iron oxide black	13463-67-7; 72669-22-8; 1317-61-9
17 038 068	B walnut brown	PBr33; PBk11	Spinel (Zn,Fe,Cr); Iron oxide black	68186-88-9; 1317-61-9
17 038 069	D walnut brown	PBr33	Spinel (Zn,Fe,Cr)	68186-88-9
17 038 073	H walnut brown	PW6; PBr33	Titanium dioxide; Spinel (Zn,Fe,Cr)	13463-67-7; 68186-88-9
17 038 077	M walnut brown	PW6; PBr33	Titanium dioxide; Spinel (Zn,Fe,Cr)	13463-67-7; 68186-88-9
17 038 079	O walnut brown	PW6; PBr33	Titanium dioxide; Spinel (Zn,Fe,Cr)	13463-67-7; 68186-88-9
17 040 068	B vermilion	PR3; PR188; PR242; PBk11	Beta-Naphthol; Monoazo; Disazocondensation; Iron oxide black	2425-85-6; 61847-48-1; 118440-67-8; 1317-61-9
17 040 069	D vermilion	PR3; PR188; PR242	Beta-Naphthol; Monoazo; Disazocondensation	2425-85-6; 61847-48-1; 118440-67-8
17 040 073	H vermilion	PW6; PR3; PR188; PR242	Titanium dioxide; Beta-Naphthol; Monoazo; Disazocondensation	13463-67-7; 2425-85-6; 61847-48-1; 118440-67-8
17 040 077	M vermilion	PW6; PR3; PR188; PR242	Titanium dioxide; Beta-Naphthol; Monoazo; Disazocondensation	13463-67-7; 2425-85-6; 61847-48-1; 118440-67-8
17 040 079	O vermilion	PW6; PR3; PR188; PR242	Titanium dioxide; Beta-Naphthol; Monoazo; Disazocondensation	13463-67-7; 2425-85-6; 61847-48-1; 118440-67-8
17 041 068	B scarlet	PR3; PR168; PR254; PBk11	Beta-Naphthol; Anthanthrone; Diketo-pyrrolo-pyrrol; Iron oxide black	2425-85-6; 4378-61-4; 122390-98-1; 1317-61-9

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17 041 069	D scarlet	PR3; PR168; PR254	Beta-Naphthol; Anthanthrone; Diketo-pyrrolo-pyrrol	2425-85-6; 4378-61-4; 122390-98-1
17 041 073	H scarlet	PW6; PR3; PR168; PR254	Titanium dioxide; Beta-Naphthol; Anthanthrone; Diketo-pyrrolo-pyrrol	13463-67-7; 2425-85-6; 4378-61-4; 122390-98-1
17 041 077	M scarlet	PW6; PR3; PR168; PR254	Titanium dioxide; Beta-Naphthol; Anthanthrone; Diketo-pyrrolo-pyrrol	13463-67-7; 2425-85-6; 4378-61-4; 122390-98-1
17 041 079	O scarlet	PW6; PR3; PR168; PR254	Titanium dioxide; Beta-Naphthol; Anthanthrone; Diketo-pyrrolo-pyrrol	13463-67-7; 2425-85-6; 4378-61-4; 122390-98-1
17 042 068	B permanent red 1 pale	PO62; PR242; PBk11	Benzimidazolone; Disazocondensation; Iron oxide black	75601-68-2; 118440-67-8; 1317-61-9
17 042 069	D permanent red 1 pale	PO62; PR242	Benzimidazolone; Disazocondensation	75601-68-2; 118440-67-8
17 042 073	H permanent red 1 pale	PW6; PO43; PR168	Titanium dioxide; Perinone; Anthanthrone	13463-67-7; 4424-06-0; 4378-61-4
17 042 077	M permanent red 1 pale	PW6; PO43; PR168	Titanium dioxide; Perinone; Anthanthrone	13463-67-7; 4424-06-0; 4378-61-4
17 042 079	O permanent red 1 pale	PW6; PO43; PR168	Titanium dioxide; Perinone; Anthanthrone	13463-67-7; 4424-06-0; 4378-61-4
17 043 068	B Bordeaux	PR3; PR101; PR254; PV19; PBk11	Beta-Naphthol; Iron oxide; Diketo-pyrrolo-pyrrol; Quinacridone; Iron oxide black	2425-85-6; 1309-37-1; 122390-98-1; 1047-16-1; 1317-61-9
17 043 069	D Bordeaux	PR3; PR101; PR254; PV19	Beta-Naphthol; Iron oxide; Diketo-pyrrolo-pyrrol; Quinacridone	2425-85-6; 1309-37-1; 122390-98-1; 1047-16-1
17 043 073	H Bordeaux	PW6; PR3; PR101; PR254; PV19	Titanium dioxide; Beta-Naphthol; Iron oxide; Diketo-pyrrolo-pyrrol; Quinacridone	13463-67-7; 2425-85-6; 1309-37-1; 122390-98-1; 1047-16-1
17 043 077	M Bordeaux	PW6; PR3; PR101; PR254; PV19	Titanium dioxide; Beta-Naphthol; Iron oxide; Diketo-pyrrolo-pyrrol; Quinacridone	13463-67-7; 2425-85-6; 1309-37-1; 122390-98-1; 1047-16-1
17 043 079	O Bordeaux	PW6; PR3; PR101; PR254; PV19	Titanium dioxide; Beta-Naphthol; Iron oxide; Diketo-pyrrolo-pyrrol; Quinacridone	13463-67-7; 2425-85-6; 1309-37-1; 122390-98-1; 1047-16-1
17 044 068	B permanent red 3 deep	PR3; PR112; PR178; PR242; PBk11	Beta-Naphthol; Naphthol AS; Perylen; Disazocondensation; Iron oxide black	2425-85-6; 6535-46-2; 3049-71-6; 118440-67-8; 1317-61-9
17 044 069	D permanent red 3 deep	PR3; PR112; PR178; PR242	Beta-Naphthol; Naphthol AS; Perylen; Disazocondensation	2425-85-6; 6535-46-2; 3049-71-6; 118440-67-8
17 044 073	H permanent red 3 deep	PW6; PO43; PR112	Titanium dioxide; Perinone; Naphthol AS	13463-67-7; 4424-06-0; 6535-46-2
17 044 077	M permanent red 3 deep	PW6; PO43; PR112	Titanium dioxide; Perinone; Naphthol AS	13463-67-7; 4424-06-0; 6535-46-2
17 044 079	O permanent red 3 deep	PW6; PO43; PR112	Titanium dioxide; Perinone; Naphthol AS	13463-67-7; 4424-06-0; 6535-46-2
17 045 068	B madder lake	PR3; PR112; PR146; PR187; PR202; PBk11	Beta-Naphthol; Naphthol AS; Naphthol AS; Naphthol AS; Quinacridone; Iron oxide black	2425-85-6; 6535-46-2; 5280-68-2; 59487-23-9; 1047-16-1; 1317-61-9
17 045 069	D madder lake	PR3; PR112; PR146; PR187; PR202	Beta-Naphthol; Naphthol AS; Naphthol AS; Naphthol AS; Quinacridone	2425-85-6; 6535-46-2; 5280-68-2; 59487-23-9; 1047-16-1
17 045 073	H madder lake	PR112; PV19; PB29	Naphthol AS; Quinacridone; Sodium aluminum silicate	6535-46-2; 1047-16-1; 57455-37-5
17 045 077	M madder lake	PW6; PR112; PV19; PB29	Titanium dioxide; Naphthol AS; Quinacridone; Sodium aluminum silicate	13463-67-7; 6535-46-2; 1047-16-1; 57455-37-5
17 045 079	O madder lake	PW6; PR112; PV19; PB29	Titanium dioxide; Naphthol AS; Quinacridone; Sodium aluminum silicate	13463-67-7; 6535-46-2; 1047-16-1; 57455-37-5
17 046 068	B carmine red	PR3; PR146; PR178; PR242; PBk11	Beta-Naphthol; Naphthol AS; Perylen; Disazocondensation; Iron oxide black	2425-85-6; 5280-68-2; 3049-71-6; 118440-67-8; 1317-61-9

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art.nr.	art.name	C.I.		CAS-nr.
17 046 069	D carmine red	PR3; PR146; PR178; PR242	Beta-Naphthol; Naphthol AS; Perylen; Disazocondensation	2425-85-6; 5280-68-2; 3049-71-6; 118440-67-8
17 046 073	H carmine red	PR112; PV19	Naphthol AS; Quinacridone	6535-46-2; 1047-16-1
17 046 077	M carmine red	PW6; PR112; PV19	Titanium dioxide; Naphthol AS; Quinacridone	13463-67-7; 6535-46-2; 1047-16-1
17 046 079	O carmine red	PW6; PR112; PV19	Titanium dioxide; Naphthol AS; Quinacridone	13463-67-7; 6535-46-2; 1047-16-1
17 047 068	B rose madder	PR122; PR146; PV19; PBk11	Quinacridone; Naphthol AS; Quinacridone; Iron oxide black	980-26-7; 5280-68-2; 1047-16-1; 1317-61-9
17 047 069	D rose madder	PR122; PR146; PV19	Quinacridone; Naphthol AS; Quinacridone	980-26-7; 5280-68-2; 1047-16-1
17 047 073	H rose madder	PW6; PV19	Titanium dioxide; Quinacridone	13463-67-7; 1047-16-1
17 047 077	M rose madder	PW6; PV19	Titanium dioxide; Quinacridone	13463-67-7; 1047-16-1
17 047 079	O rose madder	PW6; PV19	Titanium dioxide; Quinacridone	13463-67-7; 1047-16-1
17 048 068	B quinacridone violet	PR3; PR122; PV19; PBk11	Beta-Naphthol; Quinacridone; Quinacridone; Iron oxide black	2425-85-6; 980-26-7; 1047-16-1; 1317-61-9
17 048 069	D quinacridone violet	PR3; PR122; PV19; PBk11	Beta-Naphthol; Quinacridone; Quinacridone; Iron oxide black	2425-85-6; 980-26-7; 1047-16-1; 1317-61-9
17 048 073	H quinacridone violet	PW6; PR3; PR122; PB29	Titanium dioxide; Beta-Naphthol; Quinacridone; Sodium aluminum silicate	13463-67-7; 2425-85-6; 980-26-7; 57455-37-5
17 048 077	M quinacridone violet	PW6; PR3; PR122; PB29	Titanium dioxide; Beta-Naphthol; Quinacridone; Sodium aluminum silicate	13463-67-7; 2425-85-6; 980-26-7; 57455-37-5
17 048 079	O quinacridone violet	PW6; PR3; PR122; PB29	Titanium dioxide; Beta-Naphthol; Quinacridone; Sodium aluminum silicate	13463-67-7; 2425-85-6; 980-26-7; 57455-37-5
17 049 068	B purple 1	PR3; PV19; PV23; PBk11	Beta-Naphthol; Quinacridone; Dioxazine; Iron oxide black	2425-85-6; 1047-16-1; 6358-30-1; 1317-61-9
17 049 069	D purple 1	PR3; PV19; PV23	Beta-Naphthol; Quinacridone; Dioxazine	2425-85-6; 1047-16-1; 6358-30-1
17 049 073	H purple 1	PW6; PR146; PV19; PB29	Titanium dioxide; Naphthol AS; Quinacridone; Sodium aluminum silicate	13463-67-7; 5280-68-2; 1047-16-1; 57455-37-5
17 049 077	M purple 1	PW6; PR146; PV19; PB29	Titanium dioxide; Naphthol AS; Quinacridone; Sodium aluminum silicate	13463-67-7; 5280-68-2; 1047-16-1; 57455-37-5
17 049 079	O purple 1	PW6; PR146; PV19; PB29	Titanium dioxide; Naphthol AS; Quinacridone; Sodium aluminum silicate	13463-67-7; 5280-68-2; 1047-16-1; 57455-37-5
17 050 068	B purple 2	PR122; PV15; PV23; PBk11	Quinacridone; Sodium aluminum silicate; Dioxazine; Iron oxide black	980-26-7; 12769-96-9; 6358-30-1; 1317-61-9
17 050 069	D purple 2	PR122; PV15; PV23	Quinacridone; Sodium aluminum silicate; Dioxazine	980-26-7; 12769-96-9; 6358-30-1
17 050 073	H purple 2	PR146; PV15	Naphthol AS; Sodium aluminum silicate	5280-68-2; 12769-96-9
17 050 077	M purple 2	PW6; PR146; PV15	Titanium dioxide; Naphthol AS; Sodium aluminum silicate	13463-67-7; 5280-68-2; 12769-96-9
17 050 079	O purple 2	PW6; PR146; PV15	Titanium dioxide; Naphthol AS; Sodium aluminum silicate	13463-67-7; 5280-68-2; 12769-96-9
17 052 068	B manganese violet	PV15; PV16; PV23; PBk11	Sodium aluminum silicate; Manganese-ammonium pyrophosphate; Dioxazine; Iron oxide black	12769-96-9; 10101-66-3; 6358-30-1; 1317-61-9
17 052 069	D manganese violet	PV15; PV16; PV23	Sodium aluminum silicate; Manganese-ammonium pyrophosphate; Dioxazine	12769-96-9; 10101-66-3; 6358-30-1
17 052 073	H manganese violet	PW6; PV15; PV16; PV23	Titanium dioxide; Sodium aluminum silicate; Manganese-ammonium pyrophosphate; Dioxazine	13463-67-7; 12769-96-9; 10101-66-3; 6358-30-1

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17 052 077	M manganese violet	PW6; PV15; PV16; PV23	Titanium dioxide; Sodium aluminum silicate; Manganese-ammonium pyrophosphate; Dioxazine	13463-67-7; 12769-96-9; 10101-66-3; 6358-30-1
17 052 079	O manganese violet	PW6; PV15; PV16; PV23	Titanium dioxide; Sodium aluminum silicate; Manganese-ammonium pyrophosphate; Dioxazine	13463-67-7; 12769-96-9; 10101-66-3; 6358-30-1
17 054 069	D red violet	PV15; PV19	Sodium aluminum silicate; Quinacridone	12769-96-9; 1047-16-1
17 055 069	D reddish violet deep	PR202; PV15; PV23	Quinacridone; Sodium aluminum silicate; Dioxazine	1047-16-1; 12769-96-9; 6358-30-1
17 056 068	B reddish violet	PV15; PV23; PBk11	Sodium aluminum silicate; Dioxazine; Iron oxide black	12769-96-9; 6358-30-1; 1317-61-9
17 056 069	D reddish violet	PV15; PV23	Sodium aluminum silicate; Dioxazine	12769-96-9; 6358-30-1
17 056 073	H reddish violet	PW6; PV15	Titanium dioxide; Sodium aluminum silicate	13463-67-7; 12769-96-9
17 056 077	M reddish violet	PW6; PV15	Titanium dioxide; Sodium aluminum silicate	13463-67-7; 12769-96-9
17 056 079	O reddish violet	PW6; PV15	Titanium dioxide; Sodium aluminum silicate	13463-67-7; 12769-96-9
17 057 068	B bluish violet	PV15; PV23; PB15:1; PBk11	Sodium aluminum silicate; Dioxazine; Phthalocyanine (Cu); Iron oxide black	12769-96-9; 6358-30-1; 147-14-8; 1317-61-9
17 057 069	D bluish violet	PV15; PV23; PB15:1	Sodium aluminum silicate; Dioxazine; Phthalocyanine (Cu)	12769-96-9; 6358-30-1; 147-14-8
17 057 073	H bluish violet	PW6; PV15	Titanium dioxide; Sodium aluminum silicate	13463-67-7; 12769-96-9
17 057 077	M bluish violet	PW6; PV15; PB29	Titanium dioxide; Sodium aluminum silicate; Sodium aluminum silicate	13463-67-7; 12769-96-9; 57455-37-5
17 057 079	O bluish violet	PW6; PV15; PB29	Titanium dioxide; Sodium aluminum silicate; Sodium aluminum silicate	13463-67-7; 12769-96-9; 57455-37-5
17 059 068	B deep violet	PV19; PV23; PB15; PB29; PBk11	Quinacridone; Dioxazine; Phthalocyanine (Cu); Sodium aluminum silicate; Iron oxide black	1047-16-1; 6358-30-1; 147-14-8; 57455-37-5; 1317-61-9
17 059 069	D deep violet	PV19; PV23; PB15; PB29	Quinacridone; Dioxazine; Phthalocyanine (Cu); Sodium aluminum silicate	1047-16-1; 6358-30-1; 147-14-8; 57455-37-5
17 059 073	H deep violet	PW6; PR146; PV15; PB29	Titanium dioxide; Naphthol AS; Sodium aluminum silicate; Sodium aluminum silicate	13463-67-7; 5280-68-2; 12769-96-9; 57455-37-5
17 059 077	M deep violet	PV15	Sodium aluminum silicate	12769-96-9
17 059 079	O deep violet	PW6; PV15	Titanium dioxide; Sodium aluminum silicate	13463-67-7; 12769-96-9
17 060 069	D ultramarine blue deep	PB15:6; PB15:2; PB29; PV23	Phthalocyanine (Cu); Phthalocyanine (Cu); Sodium aluminum silicate; Dioxazine	147-14-8; 147-14-8; 57455-37-5; 6358-30-1
17 061 068	B phthalo blue deep	PB15; PB15:1; PB29; PBk11	Phthalocyanine (Cu); Phthalocyanine (Cu); Sodium aluminum silicate; Iron oxide black	147-14-8; 147-14-8; 57455-37-5; 1317-61-9
17 061 069	D phthalo blue deep	PB15; PB15:1; PB29; PBk11	Phthalocyanine (Cu); Phthalocyanine (Cu); Sodium aluminum silicate; Iron oxide black	147-14-8; 147-14-8; 57455-37-5; 1317-61-9
17 061 073	H phthalo blue deep	PW6; PV23; PB15:1; PB29; PBk11	Titanium dioxide; Dioxazine; Phthalocyanine (Cu); Sodium aluminum silicate; Iron oxide black	13463-67-7; 6358-30-1; 147-14-8; 57455-37-5; 1317-61-9
17 061 077	M phthalo blue deep	PW6; PV23; PB15:1; PB29; PBk11	Titanium dioxide; Dioxazine; Phthalocyanine (Cu); Sodium aluminum silicate; Iron oxide black	13463-67-7; 6358-30-1; 147-14-8; 57455-37-5; 1317-61-9
17 061 079	O phthalo blue deep	PW6; PV23; PB15:1; PB29; PBk11	Titanium dioxide; Dioxazine; Phthalocyanine (Cu); Sodium aluminum silicate; Iron oxide black	13463-67-7; 6358-30-1; 147-14-8; 57455-37-5; 1317-61-9

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art.nr.	art.name	C.I.		CAS-nr.
17 062 068	B ultramarine light	PV23; PB15:1; PB29; PBk11	Dioxazine; Phthalocyanine (Cu); Sodium aluminum silicate; Iron oxide black	6358-30-1; 147-14-8; 57455-37-5; 1317-61-9
17 062 069	D ultramarine light	PV23; PB15:1; PB29	Dioxazine; Phthalocyanine (Cu); Sodium aluminum silicate	6358-30-1; 147-14-8; 57455-37-5
17 062 073	H ultramarine light	PW6; PB29	Titanium dioxide; Sodium aluminum silicate	13463-67-7; 57455-37-5
17 062 077	M ultramarine light	PW6; PB29	Titanium dioxide; Sodium aluminum silicate	13463-67-7; 57455-37-5
17 062 079	O ultramarine light	PW6; PB29	Titanium dioxide; Sodium aluminum silicate	13463-67-7; 57455-37-5
17 063 068	B ultramarine deep	PV23; PB15:1; PB29; PBk11	Dioxazine; Phthalocyanine (Cu); Sodium aluminum silicate; Iron oxide black	6358-30-1; 147-14-8; 57455-37-5; 1317-61-9
17 063 069	D ultramarine deep	PV23; PB15:1; PB29	Dioxazine; Phthalocyanine (Cu); Sodium aluminum silicate	6358-30-1; 147-14-8; 57455-37-5
17 063 073	H ultramarine deep	PW6; PB29	Titanium dioxide; Sodium aluminum silicate	13463-67-7; 57455-37-5
17 063 077	M ultramarine deep	PW6; PB29	Titanium dioxide; Sodium aluminum silicate	13463-67-7; 57455-37-5
17 063 079	O ultramarine deep	PW6; PB29	Titanium dioxide; Sodium aluminum silicate	13463-67-7; 57455-37-5
17 064 068	B cobalt blue hue	PB15:1; PB29; PBk11	Phthalocyanine (Cu); Sodium aluminum silicate; Iron oxide black	147-14-8; 57455-37-5; 1317-61-9
17 064 069	D cobalt blue hue	PB15:1; PB29	Phthalocyanine (Cu); Sodium aluminum silicate	147-14-8; 57455-37-5
17 064 073	H cobalt blue hue	PW6; PB15:1; PB29	Titanium dioxide; Phthalocyanine (Cu); Sodium aluminum silicate	13463-67-7; 147-14-8; 57455-37-5
17 064 077	M cobalt blue hue	PW6; PB15:1; PB29	Titanium dioxide; Phthalocyanine (Cu); Sodium aluminum silicate	13463-67-7; 147-14-8; 57455-37-5
17 064 079	O cobalt blue hue	PW6; PB15:1; PB29	Titanium dioxide; Phthalocyanine (Cu); Sodium aluminum silicate	13463-67-7; 147-14-8; 57455-37-5
17 065 068	B greenish blue	PB15:1; PG7; PBk11	Phthalocyanine (Cu); Phthalocyanine (Cu, Cl); Iron oxide black	147-14-8; 1328-53-6; 1317-61-9
17 065 069	D greenish blue	PB15:1; PG7	Phthalocyanine (Cu); Phthalocyanine (Cu, Cl)	147-14-8; 1328-53-6
17 065 073	H greenish blue	PW6; PB15:1; PG7	Titanium dioxide; Phthalocyanine (Cu); Phthalocyanine (Cu, Cl)	13463-67-7; 147-14-8; 1328-53-6
17 065 077	M greenish blue	PW6; PB15:1; PG7	Titanium dioxide; Phthalocyanine (Cu); Phthalocyanine (Cu, Cl)	13463-67-7; 147-14-8; 1328-53-6
17 065 079	O greenish blue	PW6; PB15:1; PG7	Titanium dioxide; Phthalocyanine (Cu); Phthalocyanine (Cu, Cl)	13463-67-7; 147-14-8; 1328-53-6
17 066 068	B Prussian blue	PB27; PB29; PB66; PBk11	Iron-cyan-complex; Sodium aluminum silicate; Indigo, synthetic; Iron oxide black	14038-43-8; 25869-98-1; 57455-37-5; 482-89-3; 1317-61-9
17 066 069	D Prussian blue	PB27; PB29; PB66	Iron-cyan-complex; Sodium aluminum silicate; Indigo, synthetic	14038-43-8; 25869-98-1; 57455-37-5; 482-89-3
17 066 073	H Prussian blue	PV23; PB15:1; PB29; PG7; PG17	Dioxazine; Phthalocyanine (Cu); Sodium aluminum silicate; Phthalocyanine (Cu, Cl); Hematite (Cr)	6358-30-1; 147-14-8; 57455-37-5; 1328-53-6; 1308-38-9
17 066 077	M Prussian blue	PW6; PB29; PB36	Titanium dioxide; Sodium aluminum silicate; Spinel (Co, Al, Cr)	13463-67-7; 57455-37-5; 68187-11-1
17 066 079	O Prussian blue	PW6; PB29; PB36	Titanium dioxide; Sodium aluminum silicate; Spinel (Co, Al, Cr)	13463-67-7; 57455-37-5; 68187-11-1
17 067 068	B indigo hue	PW6; PB15; PB15:1; PBk11	Titanium dioxide; Phthalocyanine (Cu); Phthalocyanine (Cu); Iron oxide black	13463-67-7; 147-14-8; 147-14-8; 1317-61-9
17 067 069	D indigo hue	PW6; PB15:1; PB29; PR101; PBk11	Titanium dioxide; Phthalocyanine (Cu); Sodium aluminum silicate; Iron oxide; Iron oxide black	13463-67-7; 147-14-8; 57455-37-5; 1309-37-1; 1317-61-9
17 067 073	H indigo hue	PW6; PB15:1; PB29; PR101; PBk11	Titanium dioxide; Phthalocyanine (Cu); Sodium aluminum silicate; Iron oxide; Iron oxide black	13463-67-7; 147-14-8; 57455-37-5; 1309-37-1; 1317-61-9
17 067 077	M indigo hue	PW6; PB15:1; PB29; PR101; PBk11	Titanium dioxide; Phthalocyanine (Cu); Sodium aluminum silicate; Iron oxide; Iron oxide black	13463-67-7; 147-14-8; 57455-37-5; 1309-37-1; 1317-61-9
17 067 079	O indigo hue	PW6; PB15:1; PB29; PR101; PBk11	Titanium dioxide; Phthalocyanine (Cu); Sodium aluminum silicate; Iron oxide; Iron oxide black	13463-67-7; 147-14-8; 57455-37-5; 1309-37-1; 1317-61-9

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art.nr.	art.name	C.I.		CAS-nr.
17 068 068	B bluish green	PB15:1; PB36; PG7; PBk11	Phthalocyanine (Cu); Spinel (Co, Al, Cr); Phthalocyanine (Cu, Cl); Iron oxide black	147-14-8; 68187-11-1; 1328-53-6; 1317-61-9
17 068 069	D bluish green	PB15:1; PB36; PG7; PBk11	Phthalocyanine (Cu); Spinel (Co, Al, Cr); Phthalocyanine (Cu, Cl); Iron oxide black	147-14-8; 68187-11-1; 1328-53-6; 1317-61-9
17 068 073	H bluish green	PW6; PB15:1; PB36; PG7; PBk11	Titanium dioxide; Phthalocyanine (Cu); Spinel (Co, Al, Cr); Phthalocyanine (Cu, Cl); Iron oxide black	13463-67-7; 147-14-8; 68187-11-1; 1328-53-6; 1317-61-9
17 068 077	M bluish green	PW6; PB15:1; PB36; PG7; PBk11	Titanium dioxide; Phthalocyanine (Cu); Spinel (Co, Al, Cr); Phthalocyanine (Cu, Cl); Iron oxide black	13463-67-7; 147-14-8; 68187-11-1; 1328-53-6; 1317-61-9
17 068 079	O bluish green	PW6; PB15:1; PB36; PG7	Titanium dioxide; Phthalocyanine (Cu); Spinel (Co, Al, Cr); Phthalocyanine (Cu, Cl)	13463-67-7; 147-14-8; 68187-11-1; 1328-53-6
17 069 068	B bluish green deep	PB15; PB15:1; PB29; PBk11	Phthalocyanine (Cu); Phthalocyanine (Cu); Sodium aluminum silicate; Iron oxide black	147-14-8; 147-14-8; 57455-37-5; 1317-61-9
17 069 069	D bluish green deep	PB15:1; PB29; PR101; PBk11	Phthalocyanine (Cu); Sodium aluminum silicate; Iron oxide; Iron oxide black	147-14-8; 57455-37-5; 1309-37-1; 1317-61-9
17 069 073	H bluish green deep	PW6; PB15:1; PB29; PR101; PBk11	Titanium dioxide; Phthalocyanine (Cu); Sodium aluminum silicate; Iron oxide; Iron oxide black	13463-67-7; 147-14-8; 57455-37-5; 1309-37-1; 1317-61-9
17 069 077	M bluish green deep	PW6; PB15:1; PB29; PR101; PBk11	Titanium dioxide; Phthalocyanine (Cu); Sodium aluminum silicate; Iron oxide; Iron oxide black	13463-67-7; 147-14-8; 57455-37-5; 1309-37-1; 1317-61-9
17 069 079	O bluish green deep	PW6; PB15:1; PB29; PR101; PBk11	Titanium dioxide; Phthalocyanine (Cu); Sodium aluminum silicate; Iron oxide; Iron oxide black	13463-67-7; 147-14-8; 57455-37-5; 1309-37-1; 1317-61-9
17 070 068	B leaf green deep	PY74; PG7; PBk11	Monoazo; Phthalocyanine (Cu, Cl); Iron oxide black	6358-31-2; 1328-53-6; 1317-61-9
17 070 069	D leaf green deep	PY74; PG7; PBk11	Monoazo; Phthalocyanine (Cu, Cl); Iron oxide black	6358-31-2; 1328-53-6; 1317-61-9
17 070 073	H leaf green deep	PW6; PY74; PG7; PBk11	Titanium dioxide; Monoazo; Phthalocyanine (Cu, Cl); Iron oxide black	13463-67-7; 6358-31-2; 1328-53-6; 1317-61-9
17 070 077	M leaf green deep	PW6; PY74; PG7; PBk11	Titanium dioxide; Monoazo; Phthalocyanine (Cu, Cl); Iron oxide black	13463-67-7; 6358-31-2; 1328-53-6; 1317-61-9
17 070 079	O leaf green deep	PW6; PY74; PG7; PBk11	Titanium dioxide; Monoazo; Phthalocyanine (Cu, Cl); Iron oxide black	13463-67-7; 6358-31-2; 1328-53-6; 1317-61-9
17 071 068	B light green	PG7; PBk11	Phthalocyanine (Cu, Cl); Iron oxide black	1328-53-6; 1317-61-9
17 071 069	D light green	PG7	Phthalocyanine (Cu, Cl)	1328-53-6
17 071 073	H light green	PW6; PG7	Titanium dioxide; Phthalocyanine (Cu, Cl)	13463-67-7; 1328-53-6
17 071 077	M light green	PW6; PG7	Titanium dioxide; Phthalocyanine (Cu, Cl)	13463-67-7; 1328-53-6
17 071 079	O light green	PW6; PG7	Titanium dioxide; Phthalocyanine (Cu, Cl)	13463-67-7; 1328-53-6
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	8007-18-9; 1328-53-6; 1308-38-9; 68186-90-3; 1317-61-9
17 072 069	D leaf green 1	PY53; PG7; PG17; PBr24	Rutile (Ti, Ni, Sb); Phthalocyanine (Cu, Cl); Hematite (Cr); Rutile (Ti, Cr, Sb)	8007-18-9; 1328-53-6; 1308-38-9; 68186-90-3
17 072 073	H leaf green 1	PW6; PY3; PY138; PG7; PG17	Titanium dioxide; Monoazo; Chinophthalone; Phthalocyanine (Cu, Cl); Hematite (Cr)	13463-67-7; 6486-23-3; 56731-19-2; 1328-53-6; 1308-38-9
17 072 073	M leaf green 1	PW6; PY3; PY138; PG7	Titanium dioxide; Monoazo; Chinophthalone; Phthalocyanine (Cu, Cl)	13463-67-7; 6486-23-3; 56731-19-2; 1328-53-6

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art.nr.	art.name	C.I.		CAS-nr.
17 072 073	O leaf green 1	PW6; PY3; PY138; PG7	Titanium dioxide; Monoazo; Chinophthalone; Phthalocyanine (Cu, Cl)	13463-67-7; 6486-23-3; 56731-19-2; 1328-53-6
17 073 068	B leaf green 2	PG17; PB15:1; PBk11	Hematite (Cr); Phthalocyanine (Cu); Iron oxide black	1308-38-9; 147-14-8; 1317-61-9
17 073 069	D leaf green 2	PG17; PB15:1	Hematite (Cr); Phthalocyanine (Cu)	1308-38-9; 147-14-8
17 073 073	H leaf green 2	PW6; PG17; PG7	Titanium dioxide; Hematite (Cr); Phthalocyanine (Cu, Cl)	13463-67-7; 1308-38-9; 1328-53-6
17 073 077	M leaf green 2	PW6; PG7; PG17	Titanium dioxide; Phthalocyanine (Cu, Cl); Hematite (Cr)	13463-67-7; 1328-53-6; 1308-38-9
17 073 079	O leaf green 2	PW6; PG7; PG17	Titanium dioxide; Phthalocyanine (Cu, Cl); Hematite (Cr)	13463-67-7; 1328-53-6; 1308-38-9
17 074 068	B phthalo green deep	PG7; PBk11	Phthalocyanine (Cu, Cl); Iron oxide black	1328-53-6; 1317-61-9
17 074 069	D phthalo green deep	PG7; PBk11	Phthalocyanine (Cu, Cl); Iron oxide black	1328-53-6; 1317-61-9
17 074 073	H phthalo green deep	PW6; PG7; PBk11	Titanium dioxide; Phthalocyanine (Cu, Cl); Iron oxide black	13463-67-7; 1328-53-6; 1317-61-9
17 074 077	M phthalo green deep	PW6; PG7; PBk11	Titanium dioxide; Phthalocyanine (Cu, Cl); Iron oxide black	13463-67-7; 1328-53-6; 1317-61-9
17 074 079	O phthalo green deep	PW6; PG7; PBk11	Titanium dioxide; Phthalocyanine (Cu, Cl); Iron oxide black	13463-67-7; 1328-53-6; 1317-61-9
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	8007-18-9; 1328-53-6; 1308-38-9; 68186-90-3; 1317-61-9
17 075 069	D mossy green 1	PY53; PG7; PG17; PBr24	Rutile (Ti, Ni, Sb); Phthalocyanine (Cu, Cl); Hematite (Cr); Rutile (Ti, Cr, Sb)	8007-18-9; 1328-53-6; 1308-38-9; 68186-90-3
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)	8007-18-9; 1328-53-6; 57455-37-5; 68186-90-3
17 075 077	M mossy green 1	PW6; PY53; PG7; PBr24	Titanium dioxide; Rutile (Ti, Ni, Sb); Phthalocyanine (Cu, Cl); Rutile (Ti, Cr, Sb)	13463-67-7; 8007-18-9; 1328-53-6; 68186-90-3
17 075 079	O mossy green 1	PW6; PY53; PG7; PBr24	Titanium dioxide; Rutile (Ti, Ni, Sb); Phthalocyanine (Cu, Cl); Rutile (Ti, Cr, Sb)	13463-67-7; 8007-18-9; 1328-53-6; 68186-90-3
17 076 068	B mossy green 2	PY74; PG7; PBk11	Monoazo; Phthalocyanine (Cu, Cl); Iron oxide black	6358-31-2; 1328-53-6; 1317-61-9
17 076 069	D mossy green 2	PY74; PG7	Monoazo; Phthalocyanine (Cu, Cl)	6358-31-2; 1328-53-6
17 076 073	H mossy green 2	PW6; PY74; PG7	Titanium dioxide; Monoazo; Phthalocyanine (Cu, Cl)	13463-67-7; 6358-31-2; 1328-53-6
17 076 077	M mossy green 2	PW6; PY74; PG7	Titanium dioxide; Monoazo; Phthalocyanine (Cu, Cl)	13463-67-7; 6358-31-2; 1328-53-6
17 076 079	O mossy green 2	PW6; PY74; PG7	Titanium dioxide; Monoazo; Phthalocyanine (Cu, Cl)	13463-67-7; 6358-31-2; 1328-53-6
17 077 068	B may green	PY74; PG7; PBk11	Monoazo; Phthalocyanine (Cu, Cl); Iron oxide black	6358-31-2; 1328-53-6; 1317-61-9
17 077 069	D may green	PY74; PG7	Monoazo; Phthalocyanine (Cu, Cl)	6358-31-2; 1328-53-6
17 077 073	H may green	PW6; PY74; PG7	Titanium dioxide; Monoazo; Phthalocyanine (Cu, Cl)	13463-67-7; 6358-31-2; 1328-53-6
17 077 077	M may green	PW6; PY74; PG7	Titanium dioxide; Monoazo; Phthalocyanine (Cu, Cl)	13463-67-7; 6358-31-2; 1328-53-6
17 077 079	O may green	PW6; PY74; PG7	Titanium dioxide; Monoazo; Phthalocyanine (Cu, Cl)	13463-67-7; 6358-31-2; 1328-53-6
17 080 068	B cold green 1	PG17; PG19; PB29; PBk11	Hematite (Cr); Spinel (Co, Zn); Sodium aluminum silicate; Iron oxide black	1308-38-9; 8011-87-8; 57455-37-5; 1317-61-9
17 080 069	D cold green 1	PG17; PG19; PB29	Hematite (Cr); Spinel (Co, Zn); Sodium aluminum silicate	1308-38-9; 8011-87-8; 57455-37-5
17 080 073	H cold green 1	PW6; PB29; PG17	Titanium dioxide; Sodium aluminum silicate; Hematite (Cr)	13463-67-7; 57455-37-5; 1308-38-9
17 080 077	M cold green 1	PW6; PB29; PG17	Titanium dioxide; Sodium aluminum silicate; Hematite (Cr)	13463-67-7; 57455-37-5; 1308-38-9
17 080 079	O cold green 1	PW6; PB29; PG17	Titanium dioxide; Sodium aluminum silicate; Hematite (Cr)	13463-67-7; 57455-37-5; 1308-38-9

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art.nr.	art.name	C.I.		CAS-nr.
17 081 068	B cold green deep	PB15; PG7; PG26; PBk11	Phthalocyanine (Cu); Phthalocyanine (Cu, Cl); Spinel (Co,Cr); Iron oxide black	147-14-8; 1328-53-6; 68187-49-5; 1317-61-9
17 081 069	D cold green deep	PB15:1; PB29; PG7; PG26; PR101; PBk11	Phthalocyanine (Cu); Sodium aluminum silicate; Phthalocyanine (Cu, Cl); Spinel (Co,Cr); Iron oxide; Iron oxide black	147-14-8; 57455-37-5; 1328-53-6; 68187-49-5; 1309-37-1; 1317-61-9
17 081 073	H cold green deep	PW6; PB15:1; PB29; PG7; PG26; PR101	Titanium dioxide; Phthalocyanine (Cu); Sodium aluminum silicate; Phthalocyanine (Cu, Cl); Spinel (Co,Cr); Iron oxide	13463-67-7; 147-14-8; 57455-37-5; 1328-53-6; 68187-49-5; 1309-37-1
17 081 077	M cold green deep	PW6; PB15:1; PB29; PG7; PG26; PR101	Titanium dioxide; Phthalocyanine (Cu); Sodium aluminum silicate; Phthalocyanine (Cu, Cl); Spinel (Co,Cr); Iron oxide	13463-67-7; 147-14-8; 57455-37-5; 1328-53-6; 68187-49-5; 1309-37-1
17 081 079	O cold green deep	PW6; PB15:1; PB29; PG7; PG26; PR101	Titanium dioxide; Phthalocyanine (Cu); Sodium aluminum silicate; Phthalocyanine (Cu, Cl); Spinel (Co, Cr); Iron oxide	13463-67-7; 147-14-8; 57455-37-5; 1328-53-6; 68187-49-5; 1309-37-1
17 082 068	B Verona green	PB29; PG17; PBk11	Sodium aluminum silicate; Hematite (Cr); Iron oxide black	57455-37-5; 1308-38-9; 1317-61-9
17 082 069	D Verona green	PB29; PG17; PBk11	Sodium aluminum silicate; Hematite (Cr); Iron oxide black	57455-37-5; 1308-38-9; 1317-61-9
17 082 073	H Verona green	PW6; PB29; PG17	Titanium dioxide; Sodium aluminum silicate; Hematite (Cr)	13463-67-7; 57455-37-5; 1308-38-9
17 082 077	M Verona green	PW6; PB29; PG17	Titanium dioxide; Sodium aluminum silicate; Hematite (Cr)	13463-67-7; 57455-37-5; 1308-38-9
17 082 079	O Verona green	PW6; PB29; PG17	Titanium dioxide; Sodium aluminum silicate; Hematite (Cr)	13463-67-7; 57455-37-5; 1308-38-9
17 083 068	B Bohemian green	PY42; PG17; PBk11	Hydrated iron oxide; Hematite (Cr); Iron oxide black	20344-49-4; 1308-38-9; 1317-61-9
17 083 069	D Bohemian green	PY42; PG17; PBk11	Hydrated iron oxide; Hematite (Cr); Iron oxide black	20344-49-4; 1308-38-9; 1317-61-9
17 083 073	H Bohemian green	PW6; PY42; PG17; PBk11	Titanium dioxide; Hydrated iron oxide; Hematite (Cr); Iron oxide black	13463-67-7; 20344-49-4; 1308-38-9; 1317-61-9
17 083 077	M Bohemian green	PW6; PY42; PG17	Titanium dioxide; Hydrated iron oxide; Hematite (Cr)	13463-67-7; 20344-49-4; 1308-38-9
17 083 079	O Bohemian green	PW6; PY42; PG17; PBk11	Titanium dioxide; Hydrated iron oxide; Hematite (Cr); Iron oxide black	13463-67-7; 20344-49-4; 1308-38-9; 1317-61-9
17 084 068	B chromium oxide green	PG17; PBk11	Hematite (Cr); Iron oxide black	1308-38-9; 1317-61-9
17 084 068	D chromium oxide green	PG17	Hematite (Cr)	1308-38-9
17 084 068	H chromium oxide green	PW6; PG17	Titanium dioxide; Hematite (Cr)	13463-67-7; 1308-38-9
17 084 068	M chromium oxide green	PW6; PG17	Titanium dioxide; Hematite (Cr)	13463-67-7; 1308-38-9
17 084 068	O chromium oxide green	PW6; PG17	Titanium dioxide; Hematite (Cr)	13463-67-7; 1308-38-9
17 085 068	B olive green 1	PY42; PG17; PBk11	Hydrated iron oxide; Hematite (Cr); Iron oxide black	20344-49-4; 1308-38-9; 1317-61-9
17 085 069	D olive green 1	PY42; PG17; PBk11	Hydrated iron oxide; Hematite (Cr); Iron oxide black	20344-49-4; 1308-38-9; 1317-61-9
17 085 073	H olive green 1	PW6; PY42; PG17; PBk11	Titanium dioxide; Hydrated iron oxide; Hematite (Cr); Iron oxide black	13463-67-7; 20344-49-4; 1308-38-9; 1317-61-9
17 085 077	M olive green 1	PW6; PY42; PG17; PBk11	Titanium dioxide; Hydrated iron oxide; Hematite (Cr); Iron oxide black	13463-67-7; 20344-49-4; 1308-38-9; 1317-61-9
17 085 079	O olive green 1	PW6; PY42; PG17	Titanium dioxide; Hydrated iron oxide; Hematite (Cr)	13463-67-7; 20344-49-4; 1308-38-9
17 086 068	B olive green 2	PY42; PG17; PBk11	Hydrated iron oxide; Hematite (Cr); Iron oxide black	20344-49-4; 1308-38-9; 1317-61-9
17 086 069	D olive green 2	PY42; PY53; PG17; PBr24	Hydrated iron oxide; Rutile (Ti, Ni, Sb); Hematite (Cr); Rutile (Ti, Cr, Sb)	20344-49-4; 8007-18-9; 1308-38-9; 68186-90-3
17 086 073	H olive green 2	PW6; PY42; PY53; PG7; PG17; PBr24	Titanium dioxide; Hydrated iron oxide; Rutile (Ti, Ni, Sb); Phthalocyanine (Cu, Cl); Hematite (Cr); Rutile (Ti, Cr, Sb)	13463-67-7; 20344-49-4; 8007-18-9; 1328-53-6; 1308-38-9; 68186-90-3

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art.nr.	art.name	C.I.		CAS-nr.
17 086 077	M olive green 2	PW6; PY42; PY53; PG17; PBr24	Titanium dioxide; Hydrated iron oxide; Rutile (Ti, Ni, Sb); Hematite (Cr); Rutile (Ti, Cr, Sb)	13463-67-7; 20344-49-4; 8007-18-9; 1308-38-9; 68186-90-3
17 086 079	O olive green 2	PW6; PY42; PY53; PG17; PBr24	Titanium dioxide; Hydrated iron oxide; Rutile (Ti, Ni, Sb); Hematite (Cr); Rutile (Ti, Cr, Sb)	13463-67-7; 20344-49-4; 8007-18-9; 1308-38-9; 68186-90-3
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	20344-49-4; 75601-68-2; 1328-53-6; 14302-13-7; 1317-61-9
17 090 068	B grey violet	PY42; PV15; PB29; PBk11	Hydrated iron oxide; Sodium aluminum silicate; Sodium aluminum silicate; Iron oxide black	20344-49-4; 12769-96-9; 57455-37-5; 1317-61-9
17 090 069	D grey violet	PW6; PY42; PV15; PB29; PBk11	Titanium dioxide; Hydrated iron oxide; Sodium aluminum silicate; Sodium aluminum silicate; Iron oxide black	13463-67-7; 20344-49-4; 12769-96-9; 57455-37-5; 1317-61-9
17 090 073	H grey violet	PW6; PY42; PV15; PB29; PBk11	Titanium dioxide; Hydrated iron oxide; Sodium aluminum silicate; Sodium aluminum silicate; Iron oxide black	13463-67-7; 20344-49-4; 12769-96-9; 57455-37-5; 1317-61-9
17 090 077	M grey violet	PW6; PY42; PV15; PB29; PBk11	Titanium dioxide; Hydrated iron oxide; Sodium aluminum silicate; Sodium aluminum silicate; Iron oxide black	13463-67-7; 20344-49-4; 12769-96-9; 57455-37-5; 1317-61-9
17 090 079	O grey violet	PW6; PY42; PV15; PB29; PBk11	Titanium dioxide; Hydrated iron oxide; Sodium aluminum silicate; Sodium aluminum silicate; Iron oxide black	13463-67-7; 20344-49-4; 12769-96-9; 57455-37-5; 1317-61-9
17 091 068	B grey blue 1	PW6; PB29; PBk11	Titanium dioxide; Sodium aluminum silicate; Iron oxide black	13463-67-7; 57455-37-5; 1317-61-9
17 091 069	D grey blue 1	PW6; PB29; PBk11	Titanium dioxide; Sodium aluminum silicate; Iron oxide black	13463-67-7; 57455-37-5; 1317-61-9
17 091 073	H grey blue 1	PW6; PB29; PBk11	Titanium dioxide; Sodium aluminum silicate; Iron oxide black	13463-67-7; 57455-37-5; 1317-61-9
17 091 077	M grey blue 1	PW6; PB29; PBk11	Titanium dioxide; Sodium aluminum silicate; Iron oxide black	13463-67-7; 57455-37-5; 1317-61-9
17 091 079	O grey blue 1	PW6; PB29; PBk11	Titanium dioxide; Sodium aluminum silicate; Iron oxide black	13463-67-7; 57455-37-5; 1317-61-9
17 092 068	B reddish grey	PB29; PV15; PV19; PBk11	Sodium aluminum silicate; Sodium aluminum silicate; Quinacridone; Iron oxide black	57455-37-5; 12769-96-9; 1047-16-1; 1317-61-9
17 092 069	D reddish grey	PB29; PV15; PV19; PBk11	Sodium aluminum silicate; Sodium aluminum silicate; Quinacridone; Iron oxide black	57455-37-5; 12769-96-9; 1047-16-1; 1317-61-9
17 092 073	H reddish grey	PW6; PB29; PV15; PV19; PBk11	Titanium dioxide; Sodium aluminum silicate; Sodium aluminum silicate; Quinacridone; Iron oxide black	13463-67-7; 57455-37-5; 12769-96-9; 1047-16-1; 1317-61-9
17 092 077	M reddish grey	PW6; PB29; PV15; PV19; PBk11	Titanium dioxide; Sodium aluminum silicate; Sodium aluminum silicate; Quinacridone; Iron oxide black	13463-67-7; 57455-37-5; 12769-96-9; 1047-16-1; 1317-61-9
17 092 079	O reddish grey	PW6; PB29; PV15; PV19; PBk11	Titanium dioxide; Sodium aluminum silicate; Sodium aluminum silicate; Quinacridone; Iron oxide black	13463-67-7; 57455-37-5; 12769-96-9; 1047-16-1; 1317-61-9
17 093 068	B greenish grey 1	PY42; PB29; PBk11	Hydrated iron oxide; Sodium aluminum silicate; Iron oxide black	20344-49-4; 57455-37-5; 1317-61-9
17 093 069	D greenish grey 1	PY42; PB29; PBk11	Hydrated iron oxide; Sodium aluminum silicate; Iron oxide black	20344-49-4; 57455-37-5; 1317-61-9
17 093 073	H greenish grey 1	PW6; PY42; PB29; PBk11	Titanium dioxide; Hydrated iron oxide; Sodium aluminum silicate; Iron oxide black	13463-67-7; 20344-49-4; 57455-37-5; 1317-61-9
17 093 077	M greenish grey 1	PW6; PY42; PB29; PBk11	Titanium dioxide; Hydrated iron oxide; Sodium aluminum silicate; Iron oxide black	13463-67-7; 20344-49-4; 57455-37-5; 1317-61-9
17 093 079	O greenish grey 1	PW6; PY42; PB29; PBk11	Titanium dioxide; Hydrated iron oxide; Sodium aluminum silicate; Iron oxide black	13463-67-7; 20344-49-4; 57455-37-5; 1317-61-9

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art.nr.	art.name	C.I.		CAS-nr.
17 094 068	B greenish grey 2	PG17; PB29; PBk11	Hematite (Cr); Sodium aluminum silicate; Iron oxide black	1308-38-9; 57455-37-5; 1317-61-9
17 094 069	D greenish grey 2	PW6; PG7; PG17; PBk11	Titanium dioxide; Phthalocyanine (Cu, Cl); Hematite (Cr); Iron oxide black	13463-67-7; 1328-53-6; 1308-38-9; 1317-61-9
17 094 073	H greenish grey 2	PW6; PG7; PG17; PBk11	Titanium dioxide; Phthalocyanine (Cu, Cl); Hematite (Cr); Iron oxide black	13463-67-7; 1328-53-6; 1308-38-9; 1317-61-9
17 094 077	M greenish grey 2	PW6; PG7; PG17; PBk11	Titanium dioxide; Phthalocyanine (Cu, Cl); Hematite (Cr); Iron oxide black	13463-67-7; 1328-53-6; 1308-38-9; 1317-61-9
17 094 079	O greenish grey 2	PW6; PG7; PG17; PBk11	Titanium dioxide; Phthalocyanine (Cu, Cl); Hematite (Cr); Iron oxide black	13463-67-7; 1328-53-6; 1308-38-9; 1317-61-9
17 095 068	B cold grey	PB29; PBk11	Sodium aluminum silicate; Iron oxide black	57455-37-5; 1317-61-9
17 095 069	D cold grey	PB29; PBk11	Sodium aluminum silicate; Iron oxide black	57455-37-5; 1317-61-9
17 095 073	H cold grey	PW6; PB29; PBk11	Titanium dioxide; Sodium aluminum silicate; Iron oxide black	13463-67-7; 57455-37-5; 1317-61-9
17 095 077	M cold grey	PW6; PB29; PBk11	Titanium dioxide; Sodium aluminum silicate; Iron oxide black	13463-67-7; 57455-37-5; 1317-61-9
17 095 079	O cold grey	PW6; PB29; PBk11	Titanium dioxide; Sodium aluminum silicate; Iron oxide black	13463-67-7; 57455-37-5; 1317-61-9
17 097 069	D serious black	PG7; PB60; PBk7; PBk8	Phthalocyanine (Cu, Cl); Indanthrone; Lamp black; Nearly pure am. Carbon of vegetable origin	1328-53-6; 81-77-6; 1333-86-4; 1339-82-8
17 098 069	D neutral grey	PBr6; PBk11	Iron oxide mix; Iron oxide black	72669-22-8; 1317-61-9
17 098 071	F neutral grey	PW6; PBr6; PBk11	Titanium dioxide; Iron oxide mix; Iron oxide black	13463-67-7; 72669-22-8; 1317-61-9
17 098 072	G neutral grey	PW6; PBr6; PBk11	Titanium dioxide; Iron oxide mix; Iron oxide black	13463-67-7; 72669-22-8; 1317-61-9
17 098 073	H neutral grey	PW6; PBr6; PBk11	Titanium dioxide; Iron oxide mix; Iron oxide black	13463-67-7; 72669-22-8; 1317-61-9
17 098 074	J neutral grey	PW6; PBr6; PBk11	Titanium dioxide; Iron oxide mix; Iron oxide black	13463-67-7; 72669-22-8; 1317-61-9
17 098 075	K neutral grey	PW6; PBr6; PBk11	Titanium dioxide; Iron oxide mix; Iron oxide black	13463-67-7; 72669-22-8; 1317-61-9
17 098 076	L neutral grey	PW6; PBr6; PBk11	Titanium dioxide; Iron oxide mix; Iron oxide black	13463-67-7; 72669-22-8; 1317-61-9
17 098 077	M neutral grey	PW6; PBr6; PBk11	Titanium dioxide; Iron oxide mix; Iron oxide black	13463-67-7; 72669-22-8; 1317-61-9
17 098 078	N neutral grey	PW6; PBr6; PBk11	Titanium dioxide; Iron oxide mix; Iron oxide black	13463-67-7; 72669-22-8; 1317-61-9
17 098 079	O neutral grey	PW6; PBr6; PBk11	Titanium dioxide; Iron oxide mix; Iron oxide black	13463-67-7; 72669-22-8; 1317-61-9
17 099 069	D black	PBk7; PBk9; PBk11	Lamp black; Am. carbonized bones of animals; Iron oxide black	1333-86-4; 8021-99-6; 1317-61-9
17 600 068	B Delft blue	PV23; PB15:1; PB29; PB60; PBk11	Dioxazine; Phthalocyanine (Cu); Sodium aluminum silicate; Indanthrone; Iron oxide black	6358-30-1; 147-14-8; 57455-37-5; 81-77-6; 1317-61-9
17 600 069	D Delft blue	PV23; PB15:1; PB29; PB60	Dioxazine; Phthalocyanine (Cu); Sodium aluminum silicate; Indanthrone	6358-30-1; 147-14-8; 57455-37-5; 81-77-6
17 600 073	H Delft blue	PW6; PV15; PV23; PB15:1; PB29	Titanium dioxide; Sodium aluminum silicate; Dioxazine; Phthalocyanine (Cu); Sodium aluminum silicate	13463-67-7; 12769-96-9; 6358-30-1; 147-14-8; 57455-37-5
17 600 077	M Delft blue	PW6; PV15; PV23; PB15:1; PB29; PB60	Titanium dioxide; Sodium aluminum silicate; Dioxazine; Phthalocyanine (Cu); Sodium aluminum silicate; Indanthrone	13463-67-7; 12769-96-9; 6358-30-1; 147-14-8; 57455-37-5; 81-77-6
17 600 079	O Delft blue	PW6; PV15; PV23; PB15:1; PB29; PB60	Titanium dioxide; Sodium aluminum silicate; Dioxazine; Phthalocyanine (Cu); Sodium aluminum silicate; Indanthrone	13463-67-7; 12769-96-9; 6358-30-1; 147-14-8; 57455-37-5; 81-77-6
17 650 068	B cobalt turquoise	PG50; PB16; PBk11	Spinel (Co, Ni, Zn, Ti); Phthalocyanine; Iron oxide black	68186-85-6; 574-93-6; 1317-61-9
17 650 069	D cobalt turquoise	PG50; PB16	Spinel (Co, Ni, Zn, Ti); Phthalocyanine	68186-85-6; 574-93-6

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art.nr.	art.name	C.I.		CAS-nr.
17 650 073	H cobalt turquoise	PW6; PG50; PB16	Titanium dioxide; Spinel (Co, Ni, Zn, Ti); Phthalocyanine	13463-67-7; 68186-85-6; 574-93-6
17 650 077	M cobalt turquoise	PW6; PG50; PB16	Titanium dioxide; Spinel (Co, Ni, Zn, Ti); Phthalocyanine	13463-67-7; 68186-85-6; 574-93-6
17 650 079	O cobalt turquoise	PW6; PG50; PB16	Titanium dioxide; Spinel (Co, Ni, Zn, Ti); Phthalocyanine	13463-67-7; 68186-85-6; 574-93-6
17 690 068	B cerulean blue	PB15:1; PB29; PG7; PBk11	Phthalocyanine (Cu); Sodium aluminum silicate; Phthalocyanine (Cu, Cl); Iron oxide black	147-14-8; 57455-37-5; 1328-53-6; 1317-61-9
17 690 069	D cerulean blue	PB15:1; PB29; PG7	Phthalocyanine (Cu); Sodium aluminum silicate; Phthalocyanine (Cu, Cl)	147-14-8; 57455-37-5; 1328-53-6
17 690 073	H cerulean blue	PW6; PB15:1; PB29; PG7; PR101	Titanium dioxide; Phthalocyanine (Cu); Sodium aluminum silicate; Phthalocyanine (Cu, Cl); Iron oxide	13463-67-7; 147-14-8; 57455-37-5; 1328-53-6; 1309-37-1
17 690 077	M cerulean blue	PW6; PB15:1; PB29; PG7; PR101	Titanium dioxide; Phthalocyanine (Cu); Sodium aluminum silicate; Phthalocyanine (Cu, Cl); Iron oxide	13463-67-7; 147-14-8; 57455-37-5; 1328-53-6; 1309-37-1
17 690 079	O cerulean blue	PW6; PB15:1; PB29; PG7; PR101	Titanium dioxide; Phthalocyanine (Cu); Sodium aluminum silicate; Phthalocyanine (Cu, Cl); Iron oxide	13463-67-7; 147-14-8; 57455-37-5; 1328-53-6; 1309-37-1
17 893 069	D gold	Perlglanzpigment	Effectpigment	-
17 894 069	D silver	Perlglanzpigment; PBk7	Effectpigment; Lamp black	-; 1333-86-4
17 910 073	H white pearl	Perlglanzpigment	Effectpigment	-
17 920 073	H yellow pearl	Perlglanzpigment; PY74	Effectpigment; Monoazo	-; 6358-31-2
17 930 073	H rose pearl	Perlglanzpigment; PV19	Effectpigment; Quinacridone	-; 1047-16-1
17 940 073	H blue pearl	Perlglanzpigment; PB15:1	Effectpigment; Phthalocyanine (Cu)	-; 147-14-8
17 950 073	H green pearl	Perlglanzpigment; PG7	Effectpigment; Phthalocyanine (Cu, Cl)	-; 1328-53-6