

# SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006, Regulation (EU) No 2015/830, Regulation (EC) No 1272/2008

NEVSKAYA  PALITRA

## Artists' acrylic colour „Ladoga”

Revision Date 06.08.2021

Version 2.0

EU / EN

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/ UNDERTAKING

#### 1.1 Product identifier

Trade name : Artists` gouache colours “Master Class”  
Chemical name : Not applicable.  
CAS-No : Not applicable.  
EC-No : Not applicable.  
Registration number : Not applicable (the substance is a mixture).

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

Use of the Substance/ Mixture : Artists colors .

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

Company : Joint-Stock Company «Artistic paints plant «Nevskaya palitra»  
68 Serdobolskaya str., Saint-Petersburg, Russia, 197342

Telephone : +7 (812) 337-11-43

E-mail address : secretar@zxknp.spb.ru

Only representative : Not applicable.

Telephone : Not applicable.

E-mail address : Not applicable.

#### 1.4 Emergency telephone number

**Austria:** Poison Control Centre, Tel.: (+43)-1-406-43-43;

**Belgium:** Belgisch Antigifcentrum, Tel.: 070/245-245;

**Bulgaria:** Многопрофилна болница за активно лечение и спешна медицина "Н.И.Пирогов",  
Tel.: (+359)-2-9154-409;

**Croatia:** Poison Control Centre, Tel: (+385)-1-23-48-342;

**Czech Republic:** Toxikologické informační středisko Telefon: (+420)-224-919-293,  
(+420)-224-915-402;

**Denmark:** Poison Control Hotline, Tel.: (+45)-82-12-12-12;

**Estonia:** National emergency telephone number: 112 or Poison information telephone number: 16662, calling from abroad: (+372)-626-93-90;

**Finland:** Poison Information Centre, Tel.: (09)-471-977 (direct) or (09)-4711;

**France:** ORFILA (INRS): (+33)-(0)-1-45-42-59-59;

**Hungary:** Az Egészségügyi Toxikológiai Tájékoztató Szolgálat elérhetőségei Tel: (+36)-80-201-199;

**Latvia:** Valsts Toksikoloģijas centra Saindēšanās un zāļu informācijas centrs, Tel.: (+371)-67042473;

**Lithuania:** Sveikatos apsaugos ministerijos ekstremalių sveikatai situacijų centras,  
Tel.: (+370)-5-236-20-52 or (+370)-687-53378;

**Malta:** Mater Dei Hospital, Tel: 2545-0000;

**Portugal:** Centro de Informação Antivenenos (Portuguese Poison Centre), Tel: 808-250-143;

**Romania:** Biroul RSI Si Informare Toxicologica, Tel.: 021-318-36-06 (direct) (8.00 - 15.00);

**Slovak Republic:** National Toxicological Information Centre (+421)-2-5477-4166;

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(+420)-224-915-402;

Sweden: 112.

Note: please, consult with your local/national competent authorities for the emergency number in your country.

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

#### Classification according to REGULATION (EC) No 1272/2008

The product does not classified in accordance with REGULATION (EC) No 1272/2008.

Not a hazardous mixture according to REGULATION (EC) No 1272/2008.

### 2.2 Label elements

#### Labeling according to REGULATION (EC) No 1272/2008

#### Hazard pictograms



#### Signal word

Warning! Contains titanium dioxide.

Warning! Contains zinc oxide.

#### Hazard statements

H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H351	Suspected of causing cancer <state route of exposure if it is conclusively proven that no other routes of exposure>

#### Precautionary statements

P101	If medical advice is needed, have product container or label at hand
P102	Keep out of reach of children
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P270	Do not eat, drink or smoke when using this product
P273	Avoid release to the environment
P391	Collect spillage
P501.9	Dispose of contents/container as problematic waste.

#### Supplemental information

### 2.3 Other hazards

No special hazards have to be mentioned.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

Chemical characterization  
pigment

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filler  
dextrin  
water

### CAS-Number

EINECS / ELINCS / NLP  
EU index number  
Customs tariff number  
REACH registration No.  
RTECS-no.  
Hazchem-Code  
CI-Number

### 3.2 Mixtures

#### Substance 1

Chemical Name	Concentration, wt. %	CAS-No	EC-No / Registration number	Index-No	CLP
Titanium dioxide (Pigment White 6)	0-20	13463-67-7	236-675-5	Not applicable	Carc.2, H351

#### Substance 2

Chemical Name	Concentration, wt. %	CAS-No	EC-No / Registration number	Index-No	CLP
Zinc oxide (Pigment White 4)	0-40	1314-13-2	215-222-5	030-013-00-7	Aquatic Acute; H400 / Aquatic Chronic 1; H410

#### Additional information:

For the full text of the H-phrases mentioned in this Section, see Section 16.  
Further information: annex

## SECTION 4: FIRST AID MEASURES

### 4.1 Description of first aid measures

General advice : In the case of accident or if you feel unwell, immediately seek medical advice (show the label where possible). First aider needs to protect himself. Never give anything by mouth to an unconscious person.

Inhalation : If breathed in move person into fresh air. Keep patient warm and at rest.

Skin contact : In case of contact flush skin with soap and plenty of water. Seek medical advice if irritation develops and persists.

Eye contact : Protect unharmed eye. If easy to do, remove contact lens, if worn. In the case of contact with eyes, rinse with plenty of water. Seek medical advice if irritation persists.

Ingestion : Rinse mouth thoroughly with water. If larger amounts are swallowed or in the event of symptoms take medical treatment.

### 4.2 Most important symptoms and effects, both acute and delayed

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Until now no symptoms known so far.

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

Treat symptomatically.

## SECTION 5: FIRE-FIGHTING MEASURES

### 5.1 Extinguishing Media

Suitable extinguishing media : Use all firefighting media

Unsuitable extinguishing media : Not applicable.

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

Specific hazards : Hazardous decomposition products may be formed under fire conditions (see section 10). Exposure to decomposition products may be a hazard to health.

### 5.3 Advice fire fighters

Special protective equipment for fire-fighters : In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment.

Further information : Standard procedure for chemical fires. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. The product itself does not burn.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedure

Refer to protective measures listed in sections 7 and 8. Use personal protective equipment. Ensure adequate ventilation, especially in confined areas. Immediately evacuate personnel to safe areas. Avoid dust formation. Avoid contact with skin and eyes. Avoid breathe dust.

### 6.2 Environmental precautions

Prevent further spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities. Avoid release to the environment.

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

Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal. Avoid pollution of environment.

### 6.4 Reference to other sections

See Section 7, 8, 11, 12 and 13.

## SECTION 7: HANDLING AND STORAGE

### 7.1 Precautions for safe handling

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Advice on safe handling : For personal protection see section 8. Avoid formation of dust. Provide appropriate exhaust ventilation at places where aerosol is formed.

Advice on protection against fire and explosion : Normal measures for preventive fire protection. Keep away from heat.

### 7.2 Conditions for safe storage including any incompatibilities

Requirements for storage : Avoid release moisture. Avoid to low temperature. Keep containers and containers in a dry and well-ventilated place.

Advice on common storage : Keep away from food, drink and animal feeding stuffs. Do not store near acids and bases.

Storage period : Absent.

Storage temperature :  $\geq 0^{\circ}\text{C}$

### 7.3 Specific end use(s)

No data available.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

#### CAS 1314-13-2 zinc oxide

DEU	E-dust	1,250	mg/m <sup>3</sup>	4 (I)
DEU		10,000	mg/m <sup>3</sup>	2 (II)

#### CAS 13463-67-7 titanium dioxide

Chemical Name	CAS-No	Control parameters	Basis	Country
Titanium dioxide (Pigment White 6)	13463-67-7	STEL: 30 mg/m <sup>3</sup> (calculated, total inhalable) STEL: 12 mg/m <sup>3</sup> (calculated, respirable) TWA: 10 mg/m <sup>3</sup> (total inhalable) TWA: 4 mg/m <sup>3</sup> (respirable)	EH40/2005	The United Kingdom
Titanium dioxide	13463-67-7	TWA: 10 mg/m <sup>3</sup> (as Ti)	ED 984	France
Titanium dioxide	13463-67-7	VLA-ED: 10 mg/m <sup>3</sup>	OEL for Spain, 2015	Spain
Titanium dioxide	13463-67-7	VLE-MP: 10 mg/m <sup>3</sup>	NP 1796:2014	Portugal
Titanium dioxide	13463-67-7	TWA: 6 mg/m <sup>3</sup> (as Ti)	Statutory Order No 507 17.05.2011 with add.	Denmark
Titanium dioxide	13463-67-7	STEL: 10 mg/m <sup>3</sup> (alveolar dust, respirable fraction, 2 X 60 min) TWA: 5 mg/m <sup>3</sup> (alveolar dust, respirable fraction)	BGBl.I Nr 51/2011	Austria
Titanium dioxide	13463-67-7	NDS: 10.0 mg/m <sup>3</sup> (<2% free crystalline silica and containing no asbestos, inhalable fraction)	Dz.U. 2014 Nr. 0, 817 of June 6, 2014	Poland
Titanium dioxide	13463-67-7	TWA: 10 mg/m <sup>3</sup> (total inhalable dust); TWA: 4 mg/m <sup>3</sup> (respirable dust) STEL: 30 mg/m <sup>3</sup> (calculated, total inhalable dust) STEL: 12 mg/m <sup>3</sup> (calculated, respirable dust)	S.I. No619 of 2001	Ireland
Titanium dioxide	13463-67-7	TWA: 10 mg/m <sup>3</sup>	Ministerial Decree of August 20, 1999	Italy
Titanium dioxide	13463-67-7	TWA: 10 mg/m <sup>3</sup> (inhalable fraction) TWA: 5 mg/m <sup>3</sup> (respirable fraction)	Presidential Decrees 90/1999 with add., 212/2006, OEL 127/2000	Greece
Titanium dioxide	13463-67-7	TWA: 10 mg/m <sup>3</sup>	MB 14.3.2002 with addendum	Belgium
Titanium dioxide	13463-67-7	TWA: 10.0 mg/m <sup>3</sup> (respirable dust)	Regulation Nr. 13	Bulgaria

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Titanium dioxide	13463-67-7	TWA: 10 mg/m <sup>3</sup> (total dust) TWA: 4 mg/m <sup>3</sup> (respirable dust)	HR-OEL	Croatia
Titanium dioxide	13463-67-7	10 mg/m <sup>3</sup> MAC (dust capable of being retained in the lungs)	Reg. 311/73	Cyprus
Titanium dioxide	13463-67-7	TWA: 5 mg/m <sup>3</sup>	Reg. No 293	Estonia
Titanium dioxide	13463-67-7	TWA: 10 mg/m <sup>3</sup>	Regulation No325 with add.	Latvia
Titanium dioxide	13463-67-7	IPRD: 5 mg/m <sup>3</sup>	Order V-824/A1-389	Lithuania
Titanium dioxide	13463-67-7	STEL: 15 mg/m <sup>3</sup> TWA: 10 mg/m <sup>3</sup>	Governmental Decision 1218 from 06/09/2006, 1093 from 16/08/2006	Romania
Titanium dioxide	13463-67-7	LLV: 5 mg/m <sup>3</sup> (total dust)	AFS 2005:17	Sweden

### 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

Goggles

##### Body protection

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

##### General protection and hygiene measures

After work, wash hands and face.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Form	:	Pasty
Colour	:	Depending on the dye.
Odour	:	Slight characteristic.
Odor threshold	:	No data available.
Flash point	:	No applicable.
Lower explosion limit	:	No data available.
Upper explosion limit	:	No data available.
Explosive properties	:	Non-explosive.
Flammability	:	Not flammable.
Oxidizing properties	:	Non-oxidizing.
Self-ignition temperature	:	No data available.
Melting point/range	:	No data available.
pH	:	No data available.
Boiling point/boiling range	:	No data available.
Vapor pressure	:	No data available.
Density	:	1.3-2.0
Bulk density	:	Not applicable.
Water solubility	:	Insoluble.
Miscibility with water (15 °C)	:	Non - miscible.
Partition coefficient: n-octanol/water	:	No data available.
Solubility in other solvents	:	No data available.
Viscosity, dynamic	:	No data available.
Viscosity, kinematic	:	No data available.
Relative vapor density	:	No data available.
Evaporation rate	:	No data available.
Decomposition temperature	:	No data available.

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### 9.2 Other information

Ignition temperature : No data available.

## 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

No data available.

### 10.4 Conditions to avoid

Heat, moisture, frost.

### 10.5 Incompatible materials

Strong acids oxidizing agents. Strong alkali

### 10.6 Hazardous decomposition products

No known hazardous decomposition products

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

CAS 1314-13-2 zinc oxide

oral	LD50	Rat	>	10000,000	mg/kg bw	-
inhalative	LC50	Rat	>	5,700	mg/l	(4h)

CAS 13463-67-7 titanium dioxide

oral	LD50	Rat	>	2000-25000	mg/kg bw	-
inhalative	LC50	Rat	>	3.4-6.8	mg/l air	(4h)

### Acute toxicity

#### In case of inhalation

No data available

#### After swallowing

No data available

#### In case of skin contact

No data available

#### After eye contact

No data available

### Practical experience

### General remarks

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1 Toxicity

#### Toxicological effects

CAS 1314-13-2 zinc oxide

EC50	Algae		0,170	mg/l	(72h)
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CAS 13463-67-7 titanium dioxide

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EC50	Daphnia magna (Water flea)		>100.0	mg/l	(48h)
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### Aquatic toxicity

#### Water Hazard Class 2

#### WGK catalog number

#### General information

#### 12.2 Persistence and degradability

##### Further details

Product is partially biodegradable.

#### Oxygen demand

#### 12.3 Bioaccumulative potential

Bioconcentration factor (BCF)

Partition coefficient: n-octanol/water

#### 12.4 Mobility in soil

No data available

#### 12.5 Results of PBT and vPvB assessment

No data available

#### 12.6 Other adverse effects

#### General information

##### Ecotoxicological effects

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

Advice on disposal and : Disposal:  
packaging

In accordance with local and national regulations. Do not dispose of waste into sewer. This material and its container must be disposed of in a safe way. Do not dispose of together with household waste. Waste codes should be assigned by the user based on the application for which the product was used.

## 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 I  
BC: 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

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### National regulations

#### Europe

Contents of VOC [%] 0.0

Contents of VOC [g/L]

Further regulations, limitations and legal requirements

#### Germany

Storage class

Water Hazard Class 2

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 [%] 0.0

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

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## SECTION 16: OTHER INFORMATION

### Hazard statements:

H400 : Very toxic to aquatic life

H410 : Very toxic to aquatic life with long lasting effect

H351 Suspected of causing cancer <state route of exposure if it is conclusively proven that no other routs of exposure>

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### Further information

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

### Literature

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

### Reason of change

### Additional information

The information in this data sheet has been established to our best knowledge and was up-to-date at time of revision. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.

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Appendix for material safety data sheet  
Artists` gouache colours "Master Class" 40 ml (1.35 fl.oz)

art.nr.	art.name	C.I.	Pigments	CAS-nr.
1720101	Titanium white	P.W.6	Titanium dioxide	13463-67-7
1720100	Zinc white	p.w.4	Zinc Oxide	1314-13-2
1720507	Turquoise blue	P.B.15:3 P.G.7 P.W.4	Copper phthalocyanine, Chlorinated copper phthalocyanine, Zinc Oxide	147-14-8, 1328-53-6, 1314-13-2
1720804	Black deep	P.Bk.1 P.B.27	Aniline Black, Alkali ferriferrocyanide	13007-86-8, 25869-00-5
1720213	Yellow light	P.Y.1	Arylamide Yellow	2512-29-0
1720710	Green deep	P.G.8 P.Y.1	Naphthol Green, Arylamide Yellow	16143-80-9, 2512-29-0
1720714	Emerald light	P.G.7 P.Y.3 P.W.4	Chlorinated copper phthalocyanine, Arylamide Yellow, Zinc Oxide	1328-53-6, 6486-23-3, 1314-13-2
1720212	Cadmium yellow pale	P.Y.37 P.Y.2 P.W.4	Cadmium sulphide, Arylamide Yellow, Zinc Oxide	8048-07-5, 6486-26-6, 1314-13-2
1720330	Carmine (HUE)	P.R.81 P.W.4	Rhodamine red, Zinc Oxide	12224-98-5, 1314-13-2
1720312	Vermilion (HUE)	P.R.4 P.Y.1	Clorinatide para red, Arylamide Yellow	2814-77-9, 2512-29-0
1720706	Cobalt green light	P.G.50	Cobalt Titanate	68186-85-6
1720504	Cobalt blue light	P.B.28 P.W.6	Cobalt aluminate, Titanium dioxide	1345-16-0, 13463-67-7
1720339	Madder lake red	P.R.208 P.R.63:1	Benzimidazolone, Lithol Bordeaux	31778-10-6, 6417-83-0
1720331	Red	P.R.4	Clorinatide para red	12224-98-5
1720506	Prussian blue	P.B.27 P.V.3	Alkali ferriferrocyanide, Triarylcarbonium	25869-00-5, 1325-82-2
1720214	Lemon	P.Y.3	Arylamide Yellow	6486-23-3
1720704	Chromium oxide	P.G.17 P.W.4	Chrome Oxide, Zinc Oxide	1308-38-9, 1314-13-2
1720315	Orange	P.O.13 P.W.4	Disazopyrazolone, Zinc Oxide	3520-72-7, 1314-13-2
1720205	Gold ochre	P.Y.42 P.R.102	Sinthetic iron oxide, Natural iron oxide	51274-00-1, 1345-27-3
1720309	Red ochre	P.R.102 P.W.4 P.W.6	Natural iron oxide, Zinc Oxide, Titanium dioxide	1345-27-3, 1314-13-2, 13463-67-7
1720206	Ochre light	P.Y.42 P.Y.1	Sinthetic iron oxide, Arylamide Yellow	51274-00-1, 2512-29-0
1720801	Lamp black	P.Bk.7 P.B.27	Lamp black, Alkali ferriferrocyanide	1333-86-4, 25869-00-5
1720406	Burnt Sienna	P.R.101 P.Y.42 P.W.6	Synthetic iron oxide, Synthetic iron oxide, Titanium dioxide	1309-37-1, 51274-00-1, 13463-67-7
1720207	Strontium yellow	P.Y.32	Strontium Chromate	7789-06-2
1720716	Sap green	P.G.7 P.Y.32 P.W.6	Chlorinated copper phthalocyanine, Strontium Chromate, Titanium dioxide	1328-53-6, 7789-06-2, 13463-67-7
1720511	Ultramarine	P.B.29 P.W.4	Complex sodium aluminosilicate containing sulphur, Zinc Oxide	57455-37-5, 1314-13-2
1720408	Burnt umber	P.Br.7	Natural iron oxide	12713-03-0
1720415	Raw umber	P.Y.42 P.R.101 P.Bk.11	Sinthetic iron oxide, Synthetic iron oxide, Black Iron Oxide	51274-00-1, 1309-37-1, 1317-61-9
1720605	Violet light	P.R.81:1 P.V.2 P.W.4	Rhodamine red, PTMA toner, Zinc Oxide	12224-98-5, 1326-04-1, 1314-13-2
1720606	Violet deep	P.V.3 P.W.4	Triarylcarbonium, Zinc Oxide	1325-82-2, 1314-13-2
1720711	Bright green	P.G.7 P.Y.3	Chlorinated copper phthalocyanine, Arylamide Yellow	1328-53-6, 6486-23-3