

# 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 09.01.2024

Version 2.0

EU / EN

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

#### 1.1 Product identifier

Trade name : Artists` acrylic colour "Ladoga"

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.  
Products for creation of art

#### 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;

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**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;

(+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 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 routs 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.

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### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1 Substances

Chemical characterization  
pigment  
copolymer  
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)	0-15	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)	25	1314-13-2	215-222-5	030-013-00-7	Aquatic Acute; H400 / Aquatic Chronic 1; H410

#### Additional information:

The colour zinc white contain zinc oxide (see section 12).

The colours titanium white, turquoise blue, phthalocyanine blue, yellow light, yellow medium, emerald green, cobalt blue, naples yellow, celestian blue, rose light, gray, blue, ultramarine, violet light, violet deep and ceruleum blue contain titanium dioxide (see section 12).

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 information

##### In case of inhalation

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No special measures are required. Seek medical aid in case of troubles.

### In case of skin contact

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

### After eye contact

Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Seek medical attention if irritation persists/

### After swallowing

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

Treat symptomatically.

## SECTION 5: FIRE-FIGHTING MEASURES

### 5.1 Extinguishing Media

#### Suitable extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings.

#### Extinguishing media which must not be used for safety reasons

Full water jet

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

In case of fire may be liberated: Carbon monoxide and carbon dioxide.

### 5.3 Advice for firefighters

#### Special protective equipment for firefighters

#### Additional information

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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

Avoid contact with skin, eyes and clothing/

### 6.2 Environmental precautions

Discharge into the environment must be avoided.

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

#### Methods for cleaning up

Take up mechanically. Wash spill area with plenty of water/

#### Additional information

### 6.4 Reference to other sections

Disposal: See Section 13.

## SECTION 7: HANDLING AND STORAGE

### 7.1 Precautions for safe handling

#### Advice on safe handling

Handle in accordance with good industrial hygiene and safety practice.

#### Precaution against fire and explosion

### 7.2 Conditions for safe storage including any incompatibilities

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### Requirements for storerooms and containers

Keep container tightly closed.

#### Hints on joint storage

#### Storage class

#### Further details

storage temperature: 5 – 35 °C

### 7.3 Specific end use(s)

No special measures necessary if stored and handled as prescribed.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

#### 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)	BGBI.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
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

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### 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

Googgles

##### 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	:	Pastry
Colour	:	Pigmented
Odour	:	Almost odourless
Odor threshold	:	No data available.
Flash point	:	No data available.
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	:	8.5– 10.0
Boiling point/boiling range	:	No data available.
Vapor pressure	:	No data available.
Density	:	1.1 – 1.4 kg/l at 20 °C
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.

### 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

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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

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

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### 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

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



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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

#### 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

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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

## 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>

### **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**

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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' acrylic colour „Ladoga” in tube 100 ml (3.4 fl.oz)

art.nr.	art.name	C.I.	Pigments	CAS-nr.
2227300	English red	P.R.101	iron oxide	1309-37-1
2227101	Titanium white	P.W.6	titanium dioxide	13463-67-7
2227100	Zinc white	P.W.4	zinc oxide	1314-13-2
2227507	Turquoise blue	P.B. 15:3 P.G.7 P.W.6	Phthalocyanine (Cu), Phthalocyanine (Cu, Cl), titanium dioxide	147-14-8, 1328-53-6, 13463-67-7
2227500	Phthalocyanine blue	P.B.15:3 P.W.6	Phthalocyanine (Cu), titanium dioxide	147-14-8, 13463-67-7
2227213	Yellow light	P.Y.74 P.W.6	Monoazo, titanium dioxide	6358-31-2, 13463-67-7
2227220	Yellow medium	P.Y.83 P.Y.74 P.W.6	Disazo, monoazo, titanium dioxide	5567-15-7, 6358-31-2, 13463-67-7
2227221	Yellow deep	P.Y.83	Disazo	5567-15-7
2227717	Green light	P.G.7 P.Y.74	Phthalocyanine (Cu, Cl), monoazo	1328-53-6, 6358-31-2
2227722	Green medium	P.G.7 P.Y.74	Phthalocyanine (Cu, Cl), monoazo	1328-53-6, 6358-31-2
2227703	Phthalocyanine green	P.G.7 P.W.6	Phthalocyanine (Cu, Cl), titanium dioxide	1328-53-6, 13463-67-7
2227720	Emerald green	P.B.15:3 P.G.7 P.W.6	Phthalocyanine (Cu), phthalocyanine (Cu, Cl), titanium dioxide	147-14-8, 1328-53-6, 13463-67-7
2227330	Carmine	P.V.19 P.R.122	Quinacridone, quinocridone	1047-16-1, 980-26-7
2227312	Vermilion (HUE)	P.R.112 P.R.2 P.Y.74	Monoazo, azomethine, monoazo	6535-46-2, 6041-94-7, 6358-31-2
2227508	Cobalt blue	P.B.29 P.B.15:3 P.W.6	Sodium alumina silicate, phthalocyanine (Cu), titanium dioxide	57455-37-5, 147-14-8, 13463-67-7
2227317	Madder lake red	P.R.264	Diketo-pyrrolo pyrrol	-
2227331	Red	P.R.112	Monoazo	6535-46-2
2227348	Red deep	P.R.264 P.R.112	Diketo-pyrrolo pyrrol, monoazo	-, 6535-46-2
2227214	Lemon	P.Y.3	Monoazo	6486-23-3
2227209	Naples yellow	P.Y.42 P.Y.83 P.W.6	hydrated iron oxide, disazo, titanium dioxide	51274-00-1, 5567-15-7, 13463-67-7
2227512	Celestial blue	P.B. 15:3, P.W.6	Phthalocyanine (Cu), titanium dioxide	147-14-8, 13463-67-7
2227704	Chromium oxide	P.G.17	chromic oxide	1308-38-9
2227315	Orange	P.O.73	Diketo-pyrrolo pyrrol	71832-85-4
2227205	Gold ochre	P.Y.42	iron oxide	51274-00-1
2227206	Ochre light	P.Y.42	iron oxide	51274-00-1
2227335	Rose light	P.R.122 P.W.6	Quinocredone, titanium dioxide	980-26-7, 13463-67-7
2227334	Rose deep	P.R.122	Quinocredone	980-26-7
2227801	Lamp black	P.Bk.7	lamp black	1333-86-4
2227814	Gray	P.Bk.7 P.W.6	Lamp black, titanium dioxide	1333-86-4, 13463-67-7
2227406	Burnt Sienna	P.Y. 42 P.R.101 P.Bk.7	iron oxide, hematite, lamp black	51274-00-1, 1309-37-1, 1333-86-4
2227405	Raw Sienna	P.Y.42	iron oxide	51274-00-1
2227515	Blue	P.B.15:3 P.V.23 P.W.6	Phthalocyanine (Cu), dioxazine, titanium dioxide	147-14-8, 6358-30-1, 13463-67-7
2227511	Ultramarine	P.B.29 P.W.6	sodium alumina silicate, titanium dioxide	57455-37-5, 13463-67-7
2227408	Burnt umber	P.Br.6 P.Bk.7 P.R.101	Brown magnetite iron oxide, lamp black, hematite	52357-70-7, 1333-86-4, 1309-37-1
2227415	Raw umber	P.G.17 P.Y.42	Chromic oxide, iron oxide	1308-38-9, 51274-00-1
2227605	Violet light	P.V.23 P.W.6	Dioxazine, titanium dioxide	6358-30-1, 13463-67-7
2227606	Violet deep	P.V.23 P.W.6	Dioxazine, titanium dioxide	6358-30-1, 13463-67-7
2227503	Ceruleum blue	P.B.15:3 P.B.29 P.W.6	Phthalocyanine (Cu), sodium alumina silicate, titanium dioxide	147-14-8, 57455-37-5, 13463-67-7