

SAFETY DATA SHEET

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

NEVSKAYA  PALITRA

Artists` tempera polyvinylacetate colour "Master Class"

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` tempera polyvinylacetate colour "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);

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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.

Hazard statements

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.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Chemical characterization

pigment

filler

nature oils

CAS-Number

EINECS / ELINCS / NLP

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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)	0-40	13463-67-7	236-675-5	Not applicable	Carc.2, H351

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. Move out of dangerous area. 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 with water.

4.2 Most important symptoms and effects, both acute and delayed

No data available.

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

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SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing Media

Suitable extinguishing media : Use carbon dioxide, dry chemical, foam or carbon dioxide type fire extinguisher, sand, water spray.

Unsuitable extinguishing media : Not applicable.

5.2 Special hazards arising from the substance or mixture

Specific hazards : No data available.

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.

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. Evacuate personnel to safe areas. Avoid contact with skin and eyes.

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

Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local or national regulations. Pick up and transfer to properly labelled containers. Clean contaminated surface thoroughly.

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

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

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

7.2 Conditions for safe storage including any incompatibilities

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

Advice on common storage : Store in aluminum tube (vol. 46 ml).
Keep away from food, drink and animal feeding stuffs. Do not store near acids and bases.

Storage period : No data available.

Storage temperature : 10 – 30 °C

7.3 Specific end use(s)

No data available.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

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 ³ (calculated, total inhalable) STEL: 12 mg/m ³ (calculated, respirable) TWA: 10 mg/m ³ (total inhalable) TWA: 4 mg/m ³ (respirable)	EH40/2005	The United Kingdom
Titanium dioxide	13463-67-7	TWA: 10 mg/m ³ (as Ti)	ED 984	France
Titanium dioxide	13463-67-7	VLA-ED: 10 mg/m ³	OEL for Spain, 2015	Spain
Titanium dioxide	13463-67-7	VLE-MP: 10 mg/m ³	NP 1796:2014	Portugal
Titanium dioxide	13463-67-7	TWA: 6 mg/m ³ (as Ti)	Statutory Order No 507 17.05.2011 with add.	Denmark
Titanium dioxide	13463-67-7	STEL: 10 mg/m ³ (alveolar dust, respirable fraction, 2 X 60 min) TWA: 5 mg/m ³ (alveolar dust, respirable fraction)	BGBI.I Nr 51/2011	Austria
Titanium dioxide	13463-67-7	NDS: 10.0 mg/m ³ (<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 ³ (total inhalable dust); TWA: 4 mg/m ³ (respirable dust) STEL: 30 mg/m ³ (calculated, total inhalable dust) STEL: 12 mg/m ³ (calculated, respirable dust)	S.I. No619 of 2001	Ireland
Titanium dioxide	13463-67-7	TWA: 10 mg/m ³	Ministerial Decree of August 20, 1999	Italy
Titanium dioxide	13463-67-7	TWA: 10 mg/m ³ (inhalable fraction) TWA: 5 mg/m ³ (respirable fraction)	Presidential Decrees 90/1999 with add., 212/2006, OEL 127/2000	Greece
Titanium dioxide	13463-67-7	TWA: 10 mg/m ³	MB 14.3.2002 with addendum	Belgium
Titanium dioxide	13463-67-7	TWA: 10.0 mg/m ³ (respirable dust)	Regulation Nr. 13	Bulgaria
Titanium dioxide	13463-67-7	TWA: 10 mg/m ³ (total dust) TWA: 4 mg/m ³ (respirable dust)	HR-OEL	Croatia
Titanium dioxide	13463-67-7	10 mg/m ³ MAC (dust capable of being retained in the lungs)	Reg. 311/73	Cyprus
Titanium dioxide	13463-67-7	TWA: 5 mg/m ³	Reg. No 293	Estonia
Titanium dioxide	13463-67-7	TWA: 10 mg/m ³	Regulation No325 with add.	Latvia
Titanium dioxide	13463-67-7	IPRD: 5 mg/m ³	Order V-824/A1-389	Lithuania
Titanium dioxide	13463-67-7	STEL: 15 mg/m ³ TWA: 10 mg/m ³	Governmental Decision 1218 from 06/09/2006, 1093 from 16/08/2006	Romania
Titanium dioxide	13463-67-7	LLV: 5 mg/m ³ (total dust)	AFS 2005:17	Sweden

8.2 Exposure controls

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Engineering measures

Provide sufficient air exchange and/or exhaust in work rooms. Highly effective exhaust ventilation.

Personal protective equipment

Respiratory protection : Respirator FFP2 (for workers).
Remarks : Use respirators and components tested and approved under appropriate government standards CEN (EU).

Hand protection

Material : Safety gloves (for workers).
Remarks : Choose gloves to protect hands against chemicals depending on the concentration and quantity of the hazardous substance and specific to place of work. For special applications, we recommend clarifying the resistance to chemicals of the aforementioned protective gloves with the glove manufacturer.

Eye protection : Safety glasses (for workers).

Remarks : Use equipment for eye protection tested and approved under appropriate government standards such as EN 166 (EU).

Skin and body protection : Protected shoes and clothes (for workers).

Remarks : Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.
General industrial hygiene practice.
Avoid formation of aerosol.
When using do not eat, drink or smoke.
Wash hands before breaks and at the end of workday.
Wash contaminated clothing before reuse.

Environmental exposure controls

No data available.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Form	:	Pasty
Colour	:	Depending on the dye.
Odour	:	Characteristic.
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.

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pH	:	No data available.
Boiling point/boiling range	:	No data available.
Vapor pressure	:	No data available.
Density	:	1.2 – 1.8 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 : > 370 °C

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

No data available.

10.2 Chemical stability

No decomposition if stored and applied as directed.

10.3 Possibility of hazardous reactions

No data available.

10.4 Conditions to avoid

Heat, moisture, low temperature.

10.5 Incompatible materials

Materials to avoid : Acids and bases.

10.6 Hazardous decomposition products

Hazardous decomposition products : No data available.

Thermal decomposition : No data available.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

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

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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

Toxicological effects

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 1

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

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ADR : Not dangerous goods.
RID : Not dangerous goods.
IATA : Not dangerous goods.
IMDG : Not dangerous goods.

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/ legislation specific for the substance or mixture

Seveso Directive (2012/18/EU)	: Directive 2012/18/EU does not apply.	
Restriction list (Annex XVII to Regulation (EC) No 1907/2006)	: Cadmium sulfoselenide orange (Pigment Orange 20, C.I.77202)	Present
	: Cadmium sulfoselenide red (Pigment Red 108, C.I.77202)	Present
Regulation (EU) No 649/2012	: Cadmium and its compounds	Present

Europe

Contents of VOC [%]

Contents of VOC [g/L]

Further regulations, limitations and legal requirements

Germany

Storage class

Water Hazard Class 1

WGK catalog number

Incident regulation

Information on working limitations

Further regulations, limitations and legal requirements

Denmark

Further regulations, limitations and legal requirements

Hungary

Further regulations, limitations and legal requirements

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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15.2 CSA

The Chemical Safety Assessment was not undertaken. The product is a mixture.

SECTION 16: OTHER INFORMATION

Hazard statements:

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

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` tempera polyvinylacetate colour „MASTER CLASS” 46 ml (1,55 fl.oz)

art.nr.	art.name	C.I.	Pigments	CAS-nr.
1604101	Titanium white	P.W.6	Titanium dioxide	13463-67-7
1604804	Black deep	P.Bk.1	Aniline Black	13007-86-8
1604500	Phthalocyanine blue	P.B.15	Copper phthalocyanine	147-14-8
1604316	Iron red	P.R.101	Synthetic iron oxide	1309-37-1
1604718	Yellowish green	P.Y.74 P.G.7	Arylide Yellow, Chlorinated copper phthalocyanine	6358-31-2, 1328-53-6
1604713	Emerald green	P.G.7	Chlorinated copper phthalocyanine	1328-53-6
1604200	Cadmium yellow light	P.Y.35	Cadmium zink sulphide	8048-07-5
1604201	Cadmium yellow medium	P.Y.35	Cadmium zink sulphide	8048-07-5
1604302	Cadmium red light	P.R.108	Cadmium sulphoselenide	58339-34-7
1604303	Cadmium red deep	P.R.108	Cadmium sulphoselenide	58339-34-7
1604203	Cadmium lemon	P.Y.35	Cadmium zink sulphide	8048-07-5
1604304	Cadmium orange	P.O.20	Cadmium sulpho-selenide	12656-57-4
1604306	Cadmium purple (HUE)	P.R.108	Cadmium sulphoselenide	58339-34-7
1604604	Caput mortuum	P.R.101	Synthetic iron oxide	1309-37-1
1604531	Cobalt turquoise	P.B.28	Cobalt aluminate	1345-16-0
1604706	Cobalt green light	P.G.50	Cobalt Titanate	68186-85-6
1604532	Cobalt azure blue	P.B.36	Cobalt Chromite	68187-11-1
1604508	Cobalt blue	P.B.28	Cobalt aluminate	1345-16-0
1604317	Madder lake red	P.R.187 P.R.170:1	Naphthol Red	59487-23-9
1604745	May green	P.Y.35 P.G.36	Cadmium zink sulphide	8048-07-5
1604209	Naples yellow	P.Y.42 P.W.6	Sinthetic iron oxide, Titanium dioxide	51274-00-1, 13463-67-7
1604704	Chromium oxide	P.G.17.	Chrome Oxide	1308-38-9
1604206	Ochre light	P.Y.42 P.R.101 P.W.6	Sinthetic iron oxide, Synthetic iron oxide, Titanium dioxide	51274-00-1, 1309-37-1, 13463-67-7
1604324	Quinacridone rose	P.R.122	Quinacridone	980-26-7
1604801	Lamp black	P.Bk.7	Lamp black	1333-86-4
1604406	Burnt Sienna	P.Br.7	Natural iron oxide	12713-03-0
1604405	Raw Sienna	P.Br.7	Natural iron oxide	12713-03-0
1604609	Quinacridone lilac	P.V.19	Quinacridone	1047-16-1
1604511	Ultramarine	P.B.29	Complex sodium alumino-silicate containing sulphur	57455-37-5
1604408	Burnt umber	P.Br.7	Natural iron oxide	12713-03-0
1604621	Quinacridone violet	P.V.55	Quinacridone Purple	-
1604503	Ceruleum blue	P.W.6 P.B.15:1	Titanium dioxide, Copper phthalocyanine	13463-67-7, 147-14-8