

# SAFETY DATA SHEET

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

NEVSKAYA  PALITRA

## Artists' water colour «Sonnet»

Date 18.01.2024

Version 1.0

EU / EN

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

#### 1.1 Product identifier

Trade name : Artists' water colour «Sonnet»  
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;

**Litva:** Apsinuodijimų kontrolės ir informacijos biuras, visą parą, tel. (8-5) 236 20 52, mob.

Tel. 8 687 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;

(+420)-224-915-402;

**Sweden:** 112.

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

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## 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 zinc oxide.

#### Hazard statements

#### Hazard statements

H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects

#### Precautionary statements

P101	If medical advice is needed, have product container or label at hand
P102	Keep out of reach of children
P270	Do not eat, drink or smoke when using this product
P273	Avoid release to the environment
P391	Collect spillage

#### 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  
gum Arabic  
water

#### CAS-Number

EINECS / ELINCS / NLP  
EU index number  
Customs tariff number

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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
Zinc oxide (Pigment White 4)	<50	1314-13-2	215-222-5	030-013-00-7	Aquatic Acute; H400 / Aquatic Chronic 1; H410

#### Additional information

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

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

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.

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### 5.3 Advice fire fighters

Special protective equipment : 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

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 container in a areas and containers dry and well-ventilated place.

Store in plastic pans (vol. 2.7 ml) or tube (vol. 10 ml).

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 :  $\geq 0$  °C

### 7.3 Specific end use(s)

No data available.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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### 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)

### 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	:	Solid, semi-dry
Colour	:	Pigmented
Odour	:	Almost odourless
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	:	1.5-2.5 kg/l
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.
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### 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)

#### 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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#### Aquatic toxicity

Water Hazard Class 2

WGK catalog number

General information

#### 12.2 Persistence and degradability

##### Further details

Product is partially biodegradable.

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### 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

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

Contents of VOC [g/L]

Further regulations, limitations and legal requirements



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### 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

### **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

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' water colour “Sonnet”**

**Composition of paints: Mass fraction in paint, %**  
**pigment.....9 - 43**  
**filler.....0 - 25**  
**binder .....57 – 91**

**Tabl.№ 1 - Pigments**

art.nr.	art.name	C.I.	Pigments	CAS-nr.	% By Weight (% Active)
300	English red	P.R.101	iron oxide	1309-37-1	17,0
100	Zinc white	P.W.4	zinc oxide	1314-13-2	43,0
227	Hanza lemon	P.Y.3	monoazo	6486-23-3	17,0
513	Azure	P.B.15:3	Phthalocyanine (Cu)	147-14-8	11,0
220	Yellow medium	P.Y.1	monoazo	2515-29-0	11,0
221	Yellow deep	P.Y.2	monoazo	6486-26-6	16,0
710	Green deep	P.G.8	ferrous beta naphthol	16143-80-9	12,0
720	Emerald green	P.G.7	phthalocyanine (Cu, Cl)	1328-53-6	14,0
319	Carmine	P.R.19	azomethine	-	11,0
317	Madder lake red	P.R.63:1	monoazo	6417-83-0	10
336	Red light	P.R.2	monoazo	6041-94-7	10,0
315	Orange	P.O.13	pyrazolone	3520-72-7	10,0
205	Gold ochre	P.Y.43 P.R.102 P.Y.2	hydrated iron oxide, natural red iron oxide, monoazo	64294-91-3, 1309-37-1, 6486-26-6	11,0; 8,0; 3,0
801	Lamp black	P.Bk.7 P.R.63:1 P.B.15	Lamp black, monoazo, phthalocyanine (Cu)	1333-86-4, 6417-83-0, 147-14-8	7,0; 7,0; 2,0
413	Sepia	P.R.102 P.R.187 P.Bk.7	natural red iron oxide, monoazo barium salt, lamp black	1309-37-1, 59487-23-9, 1333-86-4	17,0; 2,0; 0,2
406	Burnt Sienna	P.Br.7	earth pigment	12713-03-0	39,0
405	Raw Sienna	P.Br.7	earth pigment	12713-03-0	38,0; 2,0
514	Bluish Green	P.B.15:3 P.G.7	Phthalocyanine (Cu), phthalocyanine (Cu, Cl)	147-14-8, 1328-53-6	5,0; 5,0
515	Blue	P.B.15	phthalocyanine (Cu)	147-14-8	11,0
716	Sap green	P.G.7 P.Y.3	phthalocyanine (Cu, Cl), monoazo	1328-53-6, 6486-23-3	20,0; 2,0
501	Ultramarine light	P.B.29	sodium alumina silicate	57455-37-5	23,0
408	Burnt umber	P.Br.7	Earth pigment	12713-03-0	36,0
605	Violet light	P.V.2	rhodamine phosphotungsto-molybdcic acid salt	1326-04-1	14,0
606	Violet deep	P.V.3	triphenylmethane phosphotungsto-molybdcic acid salt	1325-82-2	12,0

**Tabl.№ 2 – Fillers**

Ingredient Name	CAS No./RN	% By Weight (% Active)
Barium sulfate (BaSO4)	7727-43-7	23,0

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### Tabl.№3 – Binder

Ingredient Name	CAS No./RN	% By Weight (% Active)
Gum arabic	9000-01-5	2,0
Propantriol-1,2,3 (glycerin)	56-81-5	4,0
Dextrin	9005-84-9	45,0
Sucrose	57-50-1	3,0
Biocide Microcare PENG	122-99-6, 70445-33-9	0,05
Water	7732-18-5	45,95