

## Material Safety Data Sheet

**Manufacturer:** JSC "Artistic Paints Plant "Nevskaya palitra"

**Product:** Artists' watercolors

**Date of issue:** 10.11.2015

**Page:** 1/7

### 1. IDENTIFICATION OF SUBSTANCE AND SUPPLIER

#### 1.1 Product Name: Artists' watercolors

**Use of the substance:** Should be used only for artists watercolour painting

#### 1.2 Manufacturer:

JSC "Artistic Paints Plant "Nevskaya palitra",

Russia, 197342, Saint-Petersburg, Serdobolskaya str., 68

**Tel/Fax :** +7 (812) 337 11 19

**E-mail:** [mail@artpaint.spb.ru](mailto:mail@artpaint.spb.ru)

#### 1.3 Responsible for information:

**Technical department:** tel./ fax: +7 (812) 337-11-46

**Competent responsible person for MSDS:** Smirnova I.V.

**E-mail:** [texotdel@zxknp.spb.ru](mailto:texotdel@zxknp.spb.ru)

**Exports department:** tel./ fax: +7 (812) 337-11-19

**E-mail:** [export@artpaint.spb.ru](mailto:export@artpaint.spb.ru)

**1.4 Emergency phone:** "Hygiene and Emidemiology Center in St Petersburg" - +7 (812) 5703812

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### 2. HAZARDS IDENTIFICATION

**Classification:** Under Russian State Standard Specification 12.1.007-76 Artists' watercolours "White Nights" are classified as slightly dangerous substances (IV class of danger).

According to the Regulation 1907/2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals ( REACH), the product is not classified as dangerous.

#### Risk identification:

Inhalation: Do not cause any irritation of mucous tunic of upper airways.

Skin or eyes contact: Do not cause any irritation of skin or eyes' mucous tunic.

Ingestion: May cause poisoning.

Other dangers: There is a danger of thermal burns in case of oil ignition.

Environment (Clause 3.3): The product includes environmentally dangerous substances.

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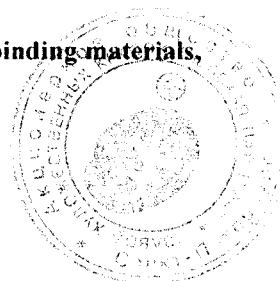
### 3. COMPOSITION AND INFORMATION ON COMPONENTS

**3.1 Thin-dispersive suspensions of inorganic and organic pigments and fillers in binding materials, containing water based solution of glues and special additives.**

**Composition:** Pigment (in assortment).....15 – 50 %

Filler (sulphate of barium, diatomit).....0 – 25 %

Binder.....50 – 85 %



## Material Safety Data Sheet

**Manufacturer: JSC "Artistic Paints Plant "Nevskaya palitra"**

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**Date of issue: 10.11.2015**

**Page:2/7**

### Composition of the Binder:

Water solution of gum arabic.....	40 – 70 %
Glycerin .....	10 – 20 %
Dextrin .....	0 – 15 %
Sugar syrop .....	5 – 15 %
Special additives .....	3 – 6 %

Assortment of pigments: zinc white, ultramarine.cobalt, cadmium, oxide of chromium, natural ferrioxide, carbon-containing substances, ferrous azure, organic dyes: phthalocyanine, orange lake, basic violet lake, basic red lake 4C, red pigment 5C, green pigment, yellow pigment lightfast, pigment yellow lightfast 2~3", scarlet pigment 2C, scarlet pigment ZH, madder lake.

According to the Regulation 1907/2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals ( REACH), the product is not classified as dangerous.

**3.2 Dangerous composites:** According to the parameters of high toxicity for warm-blooded animals (in accordance with State Standard Specification 12.1.007-76):

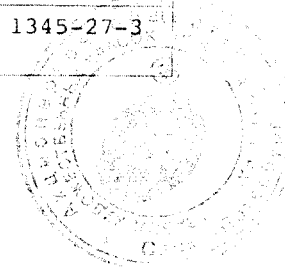
- to extremely-dangerous substances (I class of danger): cadmium pigments;
- to highly-dangerous substances (II class of danger): cobalt, organic dyes: basic red lake 4C, basic violet lake,
- to reasonably-dangerous substances (III class of danger): diatomit, preservative MBO and pigments: oxide of chromium, natural ferrioxide, carbon-containing substances, organic dyes: phthalocyanine, orange lake, red pigment 5C, scarlet pigment ZH, madder lake;
- to low-dangerous substances (IV class of danger): sulphate of barium, zinc white, ultramarine, synthetic ferrioxide pigments, organic dyes: yellow pigment lightfast, green pigment. Glycerin, natural dammar of gum arabic, dextrin, sugar syrop, gall, ferrous azure are classified as non-dangerous substances.

### 3.3 Classification:

Name of the colour shade	Name of the chemical substance	Concentration (%)	CAS number
Azure blue	Copper phthalocyanine, chlorinated copper phthalocyanine	20	147-14-8 73507-37-6
Blue	Copper phthalocyanine	7	147-14-8
Blue Lake	Diphenylnaphtylmethane	9	-
Bright Blue	Copper phthalocyanine	6	147-14-8
Burnt Sienna	Natural iron oxide	40	1345-27-3
Burnt Umber	Natural iron oxide	40	1345-27-3
Carmine (hue)	Naphthol	12	1321-67-1
Ceruleum blue	Cobalt tin oxide	30	-
Claret	Naphthol	14	1321-67-1

**Material Safety Data Sheet****Manufacturer: JSC "Artistic Paints Plant "Nevskaya palitra"****Product: Artists' watercolors****Date of issue: 10.11.2015****Page:3/7**

Name of the colour shade	Name of the chemical substance	Concentration (%)	CAS number
Emerald Green	Iron nitroso naphthol, mono azo AAOCl, chromium (III) oxide	20	1308-38-9
English Red	Synthetic iron oxide	25	-
Golden	Mono azo AAOCl, azo pyrazolone	25	-
Golden deep	Benzimidazolone	13	615-16-7
Green Light	Chlorinated brominated copper phthalocyanine	18	-
Green original	Cadmium sulphide 10%, chlorinated copper phthalocyanine 16	26	1314-13-2
Green	Iron nitroso naphthol	20	1308-38-9
Hanza Yellow	Mono azo AAA	11	-
Indigo	Copper phthalocyanine, carbon black	15	-
Ivory black	Carbon	30	7440-44-0
Lemon	Mono azo AAOCl	12	-
Madder Lake Red Light	Naphthol AS	10	92-77-3
Mars brown	Natural iron oxide	23	1345-27-3
Naples yellow	Cadmium sulfide, synthetic iron oxide, zinc oxide	40	1314-13-2, 1345-25-1
Neutral Black	Naftol, copper phthalocyanine, carbon black	19	1321-67-1
Olive green	Chromium (III) oxide, mono azo AAA, carbon black	16	1308-38-9
Orange Lake	Naphthol	16	1321-67-1
Oxide of Chromium	Chromium (III) Oxide	30	1308-38-9
Payne's grey	Copper phthalocyanine, triphenylmethane PTM, carbon black	6	519-73-3
Prussian blue	Alkali ferriferrocyanide	14	-
Quinacridone lilac	Quinacridone	10	-
Quinacridone rose	Quinacridone	10	-
Raw Sienna	Natural iron oxide	40	1345-27-3
Red Ochre	Natural iron oxide	40	1345-27-3
Rose	Xanthene PTMA	16	-
Ruby	Naphthol AS	14	-
Scarlet	Naphthol, naphthol AS	25	1321-67-1
Sepia	Natural iron oxide, naftol, carbon black	35	1345-27-3



## Material Safety Data Sheet

**Manufacturer:** JSC "Artistic Paints Plant "Nevskaya palitra"

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**Date of issue:** 10.11.2015

**Page:**4/7

Name of the colour shade	Name of the chemical substance	Concentration (%)	CAS number
Shakhnazarskaya red	Natural iron oxide	40	1345-27-3
Titian red	Benzimidazolone	14	-
Turquoise blue	Sulfonated copper phthalocyanine	20	-
Ultramarine	Complex sodium aluminium silicate containing sulphur	40	12141-46-7
Umber	Natural iron oxide, carbon black	40	1345-27-3
Vermilion (hue)	Naphthol, mono azo AAA	23	-
Violet rose	Xanthene PTM	23	-
Violet	Triphenylmethane PTM	20	-
Voronezhskaya black	Natural earth containing carbon and oxides	30	1345-27-3
Yellow Ochre	Natural iron oxide, mono azo AAA	36	1234-27-3
Yellow-Green	Chlorinated copper phthalocyanine, mono azo AAOCI	33	-
Zinc White	Zinc Oxide	50	1314-13-2

#### 4. FIRST AID MEASURES

**Inhalation:** Take the person into the open air. Consult doctor.

**Skin Contact**

Wash affected area with soap and water. If irritation persists or other symptoms are observed, seek medical advice.

**Eye Contact**

Flush with copious amounts of water. If irritation persists, seek medical attention.

**Ingestion**

Rinse out stomach with copious amounts of water. Seek medical attention.

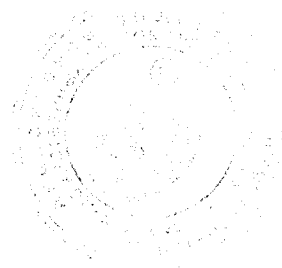
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#### 5. FIRE FIGHTING MEASURES

**Flammability group:** Artists' watercolours are classified as fire-safe and nonexplosive.

**Personal protection measures**

Important to use personal protection means according to Safety Regulations.



## Material Safety Data Sheet

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**Date of issue:** 10.11.2015

**Page:**5/7

### 6. ACCIDENTAL RELEASE MEASURES

#### **Personal Protection**

Use personal protection equipment according to the Manufacturer's Safety instructions.

#### **Environmental Protection**

Take precautions to ensure product does not contaminate the ground or enter the drainage system.

#### **Waste Removal**

Gather material into waste containers and terminate according to the local rules.

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### 7. HANDLING AND STORAGE

#### **7.1 Handling**

In accordance with good personal hygiene, if necessary use hand protective measures.

#### **7.2 Storage**

Store indoor in dry place with the temperature  $(20 \pm 10)$  °C.

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### 8. EXPOSURE CONTROL/ PERSONAL PROTECTION

**General rules:** General safety measures when working with chemical materials.

**Personal protection measures:** Use personal protective measures: working clothes, hand protective measures (gloves, protective ointments).

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### 9. PHYSICAL AND CHEMICAL PROPERTIES

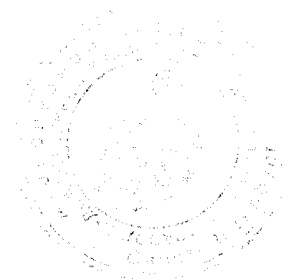
#### **9.1 General:**

**Appearance:** Semi-dry compositions of different colours

#### **9.2 Important health, safety and environmental protection:**

**Water Solubility:** Non soluble in water, water-dilutable

**Density:** 1,2-1,6 gr/sm<sup>2</sup>



## Material Safety Data Sheet

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**Date of issue:** 10.11.2015

**Page:**6/7

### 10. STABILITY AND REACTIVITY

**Stability:** Product is stable at normal storage, handling and use temperatures.

**Conditions to Avoid:** Stable at the temperature of above 0 C.

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### 11. TOXICOLOGICAL INFORMATION

**Acute toxicity:** According to the parameters of high toxicity for warm-blooded animals watercolours should be considered as low-dangerous substances (IV class of danger):

**LD50 < 5000.0 mg/ kg**

**LC50 < 5000.0 mg/kg**

Toxicity of the product caused by toxicity of the pigment that is a part of it. Dried covering doesn't effect human's health.

**Inhalation, comments:** May not cause any irritation of mucous tunic of upper airways

**Skin or eyes contact, comments:** May not cause any irritation of skin or eyes' mucous tunic

**Ingestion, comments:** May not cause any poisoning

**Practice:** the product doesn't have harmful influence on human's health when following the general hygienic measures and recommendations.

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### 12. ECOLOGICAL INFORMATION

**12.1 Ecotoxicity:** Paints include toxic substances dangerous for aquatic objects and soil (See c.3.3).

**12.2 Mobility (in soil):** As paints are not water-soluble, it is supposed to be no mobility of dangerous substances in normal conditions.

**12.3 General:** The substance should not be spread in the environment.

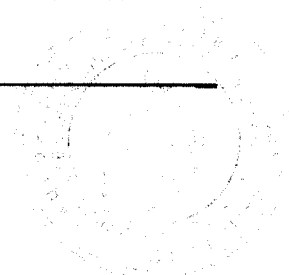
Undergoes a biochemical decay. Does not influence the ozone layer.

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### 13. DISPOSAL CONSIDERATIONS

**Waste disposal:** Should not be put into sewage system.

**Disposal of contaminated packaging:** Contaminated package, wiping materials, etc. should be exterminated according to the official regulations.



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**Date of issue: 10.11.2015**

**Page:7/7**

### 14. TRANSPORT INFORMATION

The product is not be classified as hazardous.

Can be transported by all means of transport.

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### 15. REGULATORY INFORMATION

Russian State Standard Specification 12.1.007-76 "Dangerous Substances. Classification and General Security Requirements"

Hygienic Norms 2.2.5.563-96 "Red-line Levels of Skin Contamination with Dangerous Substances"

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### 16. OTHER INFORMATION

All the information in this MSDS is based on our updated knowledge and has informative type.  
Consumers of our products are responsible to follow the laws and instructions when using the product.

