

**SAFETY DATA SHEET****WINSOR & NEWTON ARTISTS' WATER COLOUR PAN- CHINESE WHITE**

According to Regulation (EC) No 1907/2006, Annex II, as amended by Regulation (EU) No 453/2010

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

**Product name** WINSOR & NEWTON ARTISTS' WATER COLOUR PAN- CHINESE WHITE  
**Product number** 01010150

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

**Identified uses** Fine Art Painting

**1.3. Details of the supplier of the safety data sheet**

**Supplier** Jon Lloyd  
Winsor & Newton  
The Studio Building  
21 Evesham Street  
London W11 4AJ  
United Kingdom  
  
+44 (0)208 424 3224  
  
regulatoryaffairs@colart.co.uk

**Contact person** Jon Lloyd - Group Regulatory Affairs Manager +44 (0)2084243224; j.lloyd@colart.co.uk

**Manufacturer** ColArt International SA  
5 Rue Rene Panhard  
Z.I .Nord  
72021 Le Mans Cedex 2  
+33 2 43 83 83 00

**1.4. Emergency telephone number**

**Emergency telephone** 33 (0)2 43 83 83 00 This number is only available during office hours.

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Classification**

**Physical hazards** Not Classified  
**Health hazards** Not Classified  
**Environmental hazards** Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410

**Classification (67/548/EEC or 1999/45/EC)** N;R50/53.

**2.2. Label elements****Pictogram**

**Signal word** Warning

## WINSOR & NEWTON ARTISTS' WATER COLOUR PAN- CHINESE WHITE

<b>Hazard statements</b>	H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects.
<b>Precautionary statements</b>	P273 Avoid release to the environment.
<b>Supplementary precautionary statements</b>	P391 Collect spillage. P501 Dispose of contents/container to ...

### 2.3. Other hazards

#### SECTION 3: Composition/information on ingredients

##### 3.2. Mixtures

<b>ZINC OXIDE</b>		<b>60-100%</b>
CAS number: 1314-13-2	EC number: 215-222-5	REACH registration number: 01-2119463881-32-xxxx
M factor (Acute) = 1	M factor (Chronic) = 1	
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>	
Aquatic Acute 1 - H400	N;R50/53	
Aquatic Chronic 1 - H410		

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

#### SECTION 4: First aid measures

##### 4.1. Description of first aid measures

<b>Inhalation</b>	Not relevant.
<b>Ingestion</b>	Never give anything by mouth to an unconscious person. Give plenty of water to drink. Rinse mouth thoroughly with water. Get medical attention if any discomfort continues. Do not induce vomiting.
<b>Skin contact</b>	Remove affected person from source of contamination. Get medical attention if irritation persists after washing.
<b>Eye contact</b>	Continue to rinse for at least 15 minutes. Continue to rinse for at least 15 minutes. Remove any contact lenses and open eyelids wide apart. Get medical attention if any discomfort continues.

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

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

#### SECTION 5: Firefighting measures

##### 5.1. Extinguishing media

**Suitable extinguishing media** Extinguish with the following media: Powder. Carbon dioxide (CO2). Foam.

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

**Specific hazards** Fire creates: Oxides of the following substances: Carbon.

##### 5.3. Advice for firefighters

#### SECTION 6: Accidental release measures

##### 6.1. Personal precautions, protective equipment and emergency procedures

##### 6.2. Environmental precautions

**Environmental precautions** Do not discharge into drains or watercourses or onto the ground.

##### 6.3. Methods and material for containment and cleaning up

## WINSOR & NEWTON ARTISTS' WATER COLOUR PAN- CHINESE WHITE

**Methods for cleaning up** COLLECT. Remove spillage with vacuum cleaner. If not possible, collect spillage with shovel, broom or the like. Avoid the spillage or runoff entering drains, sewers or watercourses. Flush contaminated area with plenty of water.

### 6.4. Reference to other sections

#### SECTION 7: Handling and storage

##### 7.1. Precautions for safe handling

**Usage precautions** Avoid spilling. Avoid contact with skin and eyes.

##### 7.2. Conditions for safe storage, including any incompatibilities

**Storage precautions** Keep only in the original container. Store at moderate temperatures in dry, well ventilated area.

##### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

#### SECTION 8: Exposure Controls/personal protection

##### 8.1. Control parameters

**Ingredient comments** No exposure limits known for ingredient(s).

##### 8.2. Exposure controls

**Appropriate engineering controls** Provide adequate general and local exhaust ventilation.

**Eye/face protection** Not relevant.

**Hand protection** Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.

**Other skin and body protection** Use barrier creams to prevent skin contact.

**Hygiene measures** Use appropriate hand lotion to prevent defatting and cracking of skin. No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products.

#### SECTION 9: Physical and Chemical Properties

##### 9.1. Information on basic physical and chemical properties

**Appearance** Pellets Soluble in water.

**Colour** White.

**Odour** Characteristic.

**pH** pH (concentrated solution): 6-7

**Initial boiling point and range** >100°C @ 760 mm Hg

**Relative density** 1.5-2.5 @ 20°C

**Solubility(ies)** Miscible with water

##### 9.2. Other information

**Other information** Not available.

#### SECTION 10: Stability and reactivity

## WINSOR & NEWTON ARTISTS' WATER COLOUR PAN- CHINESE WHITE

### 10.1. Reactivity

**Reactivity** There are no known reactivity hazards associated with this product.

### 10.2. Chemical stability

**Stability** Stable at normal ambient temperatures.

### 10.3. Possibility of hazardous reactions

### 10.4. Conditions to avoid

**Conditions to avoid** Avoid excessive heat for prolonged periods of time.

### 10.5. Incompatible materials

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Fire creates: Carbon dioxide (CO<sub>2</sub>). Carbon monoxide (CO).

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity - dermal

**Notes (dermal LD<sub>50</sub>)** Not determined.

#### Acute toxicity - inhalation

**Notes (inhalation LC<sub>50</sub>)** Not determined.

**General information** No specific health hazards known.

**Ingestion** No harmful effects expected from quantities likely to be ingested by accident.

**Skin contact** Skin irritation should not occur when used as recommended.

## SECTION 12: Ecological Information

**Ecotoxicity** Dangerous for the environment. May cause long-term adverse effects in the aquatic environment.

### 12.1. Toxicity

### 12.2. Persistence and degradability

### 12.3. Bioaccumulative potential

### 12.4. Mobility in soil

### 12.5. Results of PBT and vPvB assessment

### 12.6. Other adverse effects

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**Disposal methods** Avoid the spillage or runoff entering drains, sewers or watercourses. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

## SECTION 14: Transport information

### 14.1. UN number

**UN No. (ADR/RID)** 3077

**UN No. (IMDG)** 3077

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UN No. (ICAO) 3077

### 14.2. UN proper shipping name

Proper shipping name (ADR/RID) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (zinc oxide)

Proper shipping name (IMDG) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (zinc oxide)

Proper shipping name (ICAO) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (zinc oxide)

Proper shipping name (ADN) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (zinc oxide)

### 14.3. Transport hazard class(es)

ADR/RID class 9

ADR/RID label 9

IMDG class 9

ICAO class/division 9

#### Transport labels



### 14.4. Packing group

ADR/RID packing group III

IMDG packing group III

ICAO packing group III

### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant



### 14.6. Special precautions for user

Tunnel restriction code (E)

### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

## SECTION 15: Regulatory information

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

**EU legislation**

Dangerous Substances Directive 67/548/EEC.  
 Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).  
 Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).  
 System of specific information relating to Dangerous Preparations. 2001/58/EC.  
 Dangerous Preparations Directive 1999/45/EC.

### 15.2. Chemical safety assessment

**WINSOR & NEWTON ARTISTS' WATER COLOUR PAN- CHINESE WHITE****SECTION 16: Other information**

<b>Revision date</b>	13/03/2015
<b>Revision</b>	2
<b>Supersedes date</b>	03/07/2012
<b>Risk phrases in full</b>	R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
<b>Hazard statements in full</b>	H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.