

**SAFETY DATA SHEET**  
**WINSOR & NEWTON ARTISTS' WATER COLOUR PAN- CHINESE WHITE**  
According to Appendix D, OSHA Hazard Communication Standard 29 CFR §1910.1200

**1. Identification****Product identifier**

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

**Recommended use of the chemical and restrictions on use**

**Application** Fine Art Painting

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

**Supplier** Jon Lloyd  
Winsor & Newton  
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**Manufacturer** ColArt International SA  
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72021 Le Mans Cedex 2  
+33 2 43 83 83 00

**Emergency telephone number**

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

**2. Hazard(s) identification****Classification of the substance or mixture**

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

**Label elements****Pictogram**

**Signal word** Warning

**Hazard statements** H400 Very toxic to aquatic life.  
H410 Very toxic to aquatic life with long lasting effects.

**Precautionary statements** P273 Avoid release to the environment.

**3. Composition/information on ingredients**

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

### Mixtures

<b>ZINC OXIDE</b>	<b>60-100%</b>
CAS number: 1314-13-2	
M factor (Acute) = 1	M factor (Chronic) = 1
<b>Classification</b>	
Not Classified	

The Full Text for all Hazard Statements are Displayed in Section 16.

### 4. First-aid measures

#### 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.

### 5. Fire-fighting measures

#### Extinguishing media

**Suitable extinguishing media** Extinguish with the following media: Powder. Carbon dioxide (CO<sub>2</sub>). Foam.

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

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

### 6. Accidental release measures

#### Environmental precautions

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

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

**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.

### 7. Handling and storage

#### Precautions for safe handling

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

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

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

#### Specific end uses(s)

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

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

### 8. Exposure Controls/personal protection

#### Control parameters

#### Occupational exposure limits

#### ZINC OXIDE

Long-term exposure limit (8-hour TWA): OSHA 15 mg/m<sup>3</sup> total dust  
 Long-term exposure limit (8-hour TWA): ACGIH 2 mg/m<sup>3</sup> respirable fraction  
 Short-term exposure limit (15-minute): ACGIH 10 mg/m<sup>3</sup> respirable fraction  
 Long-term exposure limit (8-hour TWA): OSHA 5 mg/m<sup>3</sup> fume  
 Long-term exposure limit (8-hour TWA): OSHA 5 mg/m<sup>3</sup> respirable fraction  
 OSHA = Occupational Safety and Health Administration.  
 ACGIH = American Conference of Governmental Industrial Hygienists.

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

#### 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.

### 9. Physical and Chemical Properties

#### Information on basic physical and chemical properties

**Appearance** Pellets Soluble in water.  
**Color** White.  
**Odor** 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  
**Other information** Not available.

### 10. Stability and reactivity

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

**Stability** Stable at normal ambient temperatures.

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

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

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

### 11. Toxicological information

#### 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.

### 12. Ecological Information

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

### 13. Disposal considerations

#### 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.

### 14. Transport information

#### UN Number

**UN No. (DOT)** 3077

**UN No. (IMDG)** 3077

**UN No. (ICAO)** 3077

#### UN proper shipping name

**Proper shipping name (DOT)** 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)

#### Transport hazard class(es)

**IMDG Class** 9

**ICAO class/division** 9

#### Transport labels



#### Packing group

**DOT pack group** III

**IMDG packing group** III

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

ICAO packing group III

**Environmental hazards****Environmentally Hazardous Substance****15. Regulatory information****16. Other information**

Revision date 3/13/2015

Revision 2

Supersedes date 3/7/2012

**Hazard statements in full** 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.