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
The Studio Building
21 Evesham Street
London W11 4AJ
United Kingdom

+44 (0)208 424 3224

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Manufacturer
ColArt International SA
5 Rue Rene Panhard
Z.I .Nord
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

ZINC OXIDE	**60-100%**
CAS number: 1314-13-2	
M factor (Acute) = 1	M factor (Chronic) = 1

Classification
Not Classified

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

4. First-aid measures

Description of first aid measures

Inhalation Not relevant.

Ingestion 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.

Skin Contact Remove affected person from source of contamination. Get medical attention if irritation persists after washing.

Eye contact 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 (CO2). 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/m³ total dust
Long-term exposure limit (8-hour TWA): ACGIH 2 mg/m³ respirable fraction
Short-term exposure limit (15-minute): ACGIH 10 mg/m³ respirable fraction
Long-term exposure limit (8-hour TWA): OSHA 5 mg/m³ fume
Long-term exposure limit (8-hour TWA): OSHA 5 mg/m³ 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 (CO2). Carbon monoxide (CO).

WINSOR & NEWTON ARTISTS' WATER COLOUR PAN- CHINESE WHITE

11. Toxicological information

Information on toxicological effects

Acute toxicity - dermal

Notes (dermal LD_{50}) Not determined.

Acute toxicity - inhalation

Notes (inhalation LC_{50}) 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.