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REVISION DATE: 11/20/07

SAFTETY DATA SHEET
WINSOR & NEWTON COTMAN WATER COLOURS
(CADMIUM COLOURS)

1 IDENTIFICATON OF THE SUBSTANCE/ PREPARATION AND COMPANY UNDERTAKING

PRODUCT NAME WINSOR & NEWTON COTMAN WATER COLOURS
(Cadmium Red, Cadmium Red Light, Cadmium Yellow,
Cadmium Yellow Light & Cadmium Orange)

APPLICATION Colors for art and creative use

SUPPLIER ColArt America Inc.
11 Constitution Avenue
Piscataway
New Jersey
08855-1396

Emergency telephone number 1-800-628-3385
Tel. number for information 732-562-0770

2. COMPOSITION INFORMATION ON INGREDIENTS

COMPOSITION COMMENTS: Colours are made using either Cadmium Zinc Sulphide and / or Cadmium Sulphoselenide pigment.

Hazardous Components	CAS Number	OSHA PEL	TLV
Cadmium Zinc Sulphide	12442-27-2	0.2 mg/m ³	0.01 as Cd mg/m ³
Cadmium Sulphoselenide	12626-36-7	0.2 mg/m ³	0.01 as Cd mg/m ³
4 chloro-3,5 xyleneol	00088-04-0		

3. HAZARD IDENTIFICATION**CLASSIFICATION**

Acute health hazards None

Chronic health hazards None

In accordance with California Proposition 65, these colours are labeled as "WARNING. DO NOT SPRAY APPLY. This product contains cadmium, a chemical known to the State of California to cause cancer by means of inhalation".

4. FIRST AID MEASURES

INHALATION

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

INGESTION

NEVER MAKE AN UNCONCIOUS PERSON VOMIT OR DRINK FLUIDS! Rinse mouth thoroughly. Drink plenty of water. Get medical attention if any discomfort

SKIN CONTACT

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

EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lid. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA

Use media for the surrounding conditions.

6. ACCIDENTAL RELEASE MEASURES

SPILL CLEAN UP METHODS

Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place in to containers. Do not contaminate water courses or sewer. Dispose of the colour as toxic waste.

7. HANDLING AND STORAGE

USAGE PRECAUTIONS

Avoid spilling, skin and eye contact.

STORAGE PRECAUTIONS

Keep in original container. Store at moderate temperatures in dry, well ventilated area.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION**ENGINEERING MEASURES**

No particular ventilation requirements.

HAND PROTECTION

No specific hand protection noted.

EYE PROTECTION

If risk of splashing, wear safety goggles or face shield.

OTHER PROTECTION

No specific protective equipment noted, but may be required anyway.

HYGEINE MEASURES

Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Paste
COLOR	Varies
ODOR	Characteristic
SOLUBILITY	Soluble in water
BOILING POINT (°C)	>100 760 mm Hg
RELATIVE DENSITY	1.5 – 2.5
VAPOR DENSITY (air=1)	>1
pH-VALUE CONC. SOL.	6.0 – 8.0

10. STABILITY AND REACTIVITY**STABILITY**

Stable under normal temperature conditions.

CONDITIONS TO AVOID

Acidic media

HAZARDOUS DECOMPOSITION PRODUCTS

Hydrogen sulphide liberated by acids.

11. TOXICOLOGICAL INFORMATION

GENERAL INFORMATION

The soluble cadmium content in the pigment is less than 5 ppm. Only large volumes may have adverse impact on human health.

INHALATION

May cause irritation to the respiratory system.

INGESTION

May cause discomfort if swallowed

SKIN CONTACT

Slightly irritating. Prolonged contact may cause irritation.

EYE CONTACT

Irritating to eyes

HEALTH WARNINGS

No specific health warnings noted.

ROUTE OF ENTRY

Inhalation. Skin and eye contact.

MEDICAL SYMPTOMS

Irritation of eyes and mucous membranes.

12. ECOLOGICAL INFORMATION

ECOTOXICITY

Not classified as dangerous to the environment.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

14. TRANSPORT INFORMATION

RAIL TRANSPORT NOTES	Not classified
SEA TRANSPORT NOTES	Not classified
AIR TRANSPORT NOTES	Not classified

15. REGULATORY INFORMATION

This product has been evaluated by a toxicologist and is labeled for acute and chronic health hazards in accordance with the Labeling of Hazardous Art Materials Act and Federal regulation 16 CFR 1500.14 of the Federal Hazardous Substances Act.

This product conforms to ASTM D 4236 Standard Practice for Labeling Art Materials for Chronic Adverse Health Hazards

16. OTHER INFORMATION**INFORMATION SOURCE**

Material Safety ~Data Sheet, Misc. manufacturers.

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