

REVISION DATE: 12/01/11

**SAFETY DATA SHEET**  
**WINSOR & NEWTON WINTON OIL COLOURS**  
**(CADMIUM COLOURS)**

**1 IDENTIFICATION OF THE SUBSTANCE/ PREPARATION AND COMPANY UNDERTAKING**

**PRODUCT NAME** WINSOR & NEWTON WINTON OIL COLOURS  
(Cadmium Lemon, Cadmium Orange, Cadmium Red Medium,  
Cadmium Red Light, Cadmium Yellow Light & Cadmium  
Yellow Medium)

**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: Colors 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 <sup>3</sup>	0.01 as Cd mg/m <sup>3</sup>
Cadmium Sulphoselenide	12626-36-7	0.2 mg/m <sup>3</sup>	0.01 as Cd mg/m <sup>3</sup>

**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**

Carbon Dioxide, dry chemical foam.

**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	Liquid
COLOR	Varies
ODOR	Vegetable oil
SOLUBILITY	Insoluble in water
BOILING POINT (°C)	>300 760 mm Hg
RELATIVE DENSITY	1.7 – 1.8
VAPOR DENSITY (air=1)	Not applicable
pH-VALUE CONC. SOL .	Not applicable

**10. STABILITY AND REACTIVITY****STABILITY**

Stable under normal temperature conditions.

**CONDITIONS TO AVOID**

Avoid combustible material such as loose cotton strands.

**HAZARDOUS DECOMPOSITION PRODUCTS**

Fire creates: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>). Black smoke may affect eyes and lungs.

**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 dermatitis.

**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 regarded 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****INFORMATON SOURCE**

Material Safety ~Data Sheet, Misc. manufacturers.

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