

**DALER ~ ROWNEY U.S.A.**

FINE ART &amp; GRAPHIC MATERIALS

Daler-Rowney USA, 2 Corporate Drive, Cranbury, New Jersey 08512-9584 U.S.A.  
Tel: 609 655 5252, Fax: 609 655 5852

00347-3200
- 3330
- 3720
- 4120
- 4140
- 4200
- 4300
- 4530

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**Material Safety Data Sheet****SECTION I. PRODUCTS & MANUFACTURERS DETAILS**

Identification of Product (as listed):

(1) Artist Water Colour Cadmium colours  
Cadmium Red Pale Cadmium Red, Cadmium Red Deep,  
Cadmium Yellow Pale, Cadmium Yellow, Cadmium Yellow  
Deep, Cadmium Orange and Naples Yellow.

\*See also

(2) Artist Water Colour Nickel Colours.  
Nickel Titanate Yellow, Cadmium Yellow Hue, Gamboge Hue,  
Indian Yellow, Hookers Green Light, Sap Green & Olive Green.

(3) Artist Water Colour Cobalt Colours.  
Cobalt Magenta, Aureolin, Coeruleum, Cobalt Blue, Cobalt Blue  
Deep, Cobalt Turquoise (RS), Cobalt Turquoise (BS), Cobalt  
Green Deep & Cobalt Green.

(4) Artist Water Colour Bismuth Yellow.

(5) AP Non – Toxic colours

Manufacturers Name:

Daler-Rowney Ltd

Address:

2 Corporate Drive  
Cranbury  
New Jersey 08512-9584

Emergency Telephone Number:

609 655 5252

Telephone Number for information:

609 655 5252

Date Prepared:

14/06/00

Signature:

92hh-1

**SECTION II. HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

**Product Type:** Artist Water Colour. Used for artist water colour painting.

**Labelling requirements in conformity with ASTM D-4236 and / or Californian Health and Safety Code section 25249.5 et seq. ("Proposition 65")**

**For all listed colours:** WARNING: Do not spray apply – this product contains Cadmium, a chemical known to the State of California to cause cancer by means of inhalation. Not for use by children.

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**SECTION III. PHYSICAL/CHEMICAL CHARACTERISTICS**

<b>Boiling Point:</b>	Not determined
<b>Solubility in Water:</b>	Soluble when wet and dry
<b>Specific Gravity:</b>	1.8 for AWC tube colours. Solid colour in Moist formulation.
<b>Freezing:</b>	Below 0°C
<b>Evaporation Rate:</b>	Drying time approximately 20 mins. at 18°C
<b>Appearance and Odour:</b>	Coloured (yellow - red)

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**SECTION IV. FIRE AND EXPLOSION HAZARD DATA**

<b>Flash Point (method used):</b>	Not applicable - water based
<b>Extinguishing Media:</b>	Any. Water is the preferred medium.
<b>Special Fire Fighting Procedures:</b>	At very high temperatures may evolve toxic cadmium (and in the case of reds, selenium) fumes, together with sulphur dioxide. Fire fighters should wear totally enclosed breathing apparatus.
<b>Unusual Fire and Explosion Hazards:</b>	None known

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**SECTION V. REACTIVITY DATA**

<b>Stability:</b>	Stable
<b>Conditions to Avoid:</b>	Concentrated acids
<b>Hazardous Decomposition/ by - products:</b>	None known
<b>Hazardous Polymerisation:</b>	None known

**SECTION VI. HEALTH HAZARD DATA**

- Inhalation:** Over-exposure to Cadmium colours for long periods may result in reduction of lung and kidney function.
- Skin:** Unlikely to cause skin irritation.
- Ingestion:** May cause discomfort.
- Carcinogenicity:** Cadmium colours are classed in accordance with Proposition 65 as a cancer agent by inhalation
- Signs & Symptoms of Exposure:** Short - term effects of Cadmium poisoning are sore eyes, nose and throat, coughing, dizziness and weakness, chill fever, chest pains and breathlessness.

**Medical Conditions aggravated by exposure:**

**Emergency and First Aid Procedure:** Remove from skin with soap and water. If ingested give patient plenty of water to drink and keep warm. Consult a physician.

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**SECTION VII. PRECAUTIONS FOR SAFE HANDLING AND USE**

**Steps to be taken in case material is released or spilled.** Mop up with absorbent material

**Waste Disposal Method.** Dispose in accordance with local regulations.

**Precautions to be taken in handling and storing.**

Store at normal temperature. Observe goods standards of hygiene. When using do not eat, smoke or drink. Wash hands after use. Store away from foodstuffs. Keep out of reach of children. Do not spray apply.

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**SECTION VIII. CONTROL MEASURES**

<b>Respiratory Protection:</b>	Not applicable. Do not spray apply
<b>Protective Gloves:</b>	Not applicable
<b>Eye Protection:</b>	Not applicable.
<b>Other Precautions:</b>	Clothing and Equipment: Work apron

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**SECTION IX. OTHER INFORMATION**

The information on this MSDS is based on the present state of our knowledge, as the users working conditions are beyond our knowledge and control. The product is not to be used for other purposes than specified in section II without first seeking our advice. It is always the responsibility of the user to take necessary steps in order to fulfil the demands laid down in the local rules of legislation. The information in this MSDS is meant as a description of the safety requirements of our product: it is not to be considered as a guarantee of the product's properties.