

DALER ~ ROWNEY U.S.A.

FINE ART & GRAPHIC MATERIALS

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

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	- 3200
	- 3330
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	- 4530
	- 7210

SECTION I. PRODUCTS & MANUFACTURERS DETAILS

Identification of Product (as listed): (1) Egg Tempera Cadmium colours
Cadmium Red, Cadmium Red Deep, Cadmium Yellow Pale,
Cadmium Yellow, Cadmium Yellow Deep, Cadmium Orange and
Cadmium Green.

*See also (2) Egg Tempera Flake White.

(3) Egg Tempera Cobalt Colours.
Coeruleum & Cobalt Blue

(4) HL 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:

V4426

SECTION II. HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Product Type: Egg Tempera Colour. Used for egg tempera painting.

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

For Cadmium Orange, Cadmium Green, Cadmium Red & Cadmium Red Deep:

WARNING: Do not spray apply - this product contains Cadmium, a chemical known to the State of California to cause cancer by means of inhalation. Contains Cadmium pigment.
For further health information contact a poison control center 609 655 5252

For Cadmium Yellow Pale, Cadmium Yellow, & Cadmium Yellow Deep:

WARNING: Do not spray apply - this product contains Cadmium, a chemical known to the State of California to cause cancer by means of inhalation. Exposure may cause harm to the developing fetus. Cancer agent based on experimental data. Contains soluble Cadmium.

PRECAUTIONS: Do not spray apply. Avoid using if pregnant or contemplating pregnancy. Not for use by children.

For further health information contact a poison control center 609 655 5252

SECTION III. PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: Not determined

Solubility in Water: Soluble when wet and dry

Specific Gravity: 1.4

Freezing: Below 0°C

Evaporation Rate: 6 – 8 hours for a fully cured film.

Appearance and Odour: Coloured (yellow - red)

SECTION IV. FIRE AND EXPLOSION HAZARD DATA

Flash Point (method used): Not applicable - water based

Extinguishing Media: Any. Water is the preferred medium.

Special Fire Fighting Procedures: 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.

Unusual Fire and Explosion Hazards: None known

SECTION V. REACTIVITY DATA

Stability: Stable

Conditions to Avoid: Concentrated acids

Hazardous Decomposition/ by - products: None known

Hazardous Polymerisation: None known

SECTION VI. HEALTH HAZARD DATA

Inhalation: Over-exposure to Cadmium 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: For Cadmium Yellow Pale, Cadmium Yellow, & Cadmium Yellow Deep, avoid using if pregnant or contemplating pregnancy.

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.

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.

SECTION VIII. CONTROL MEASURES

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

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.