

# **DALER ~ROWNEY**

FINE ART & GRAPHIC MATERIALS

Daler-Rowney Limited, PO Box 10, Bracknell, Berkshire RG12 8BT  
Telephone: Bracknell (01344) 461000 Fax: Bracknell (01344) 486511

## **Health and Safety Data Sheet**

(REVISION 10/01/06: REVISED SECTIONS 1, 2, 3, 12 15 & 16)

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### **1. IDENTIFICATION OF THE PREPARATION AND COMPANY**

Product Name: ARTISTS' OIL COLOURS. (See separate Health and Safety Data Sheet for Artists' Oil Flake White )

Intended use: OIL COLOUR PAINTING.

Name, Full address and telephone Number: Daler-Rowney Ltd  
Daler-Rowney House  
Bracknell  
Berkshire  
RG12 8ST  
Telephone (01344) 461000  
Fax : (01344) 860746.

### **2. CHEMICAL COMPOSITION/INFORMATION ON INGREDIENTS**

Substances presenting a health hazard with the meaning of the Dangerous Substances Directive 67/548/EEC.

Names:	% (wt) Concentration	Symbol	R Phrases
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No colours are classified as harmful to human health.

Titanium White, Zinc White, Rowney Emerald, Scarlet Lake, Flesh Tint, Lemon Yellow, Rowney Primrose, Naples Yellow 1,2,3 and Rowney Yellow contain Zinc Oxide (CAS number 1313-13-2) and are classified for environmental danger N R51 – 53 i.e.

N: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

All tubes of Titanium White and Zinc White are below 125 ml in size so only the N symbol is shown.

### **3. HAZARDS IDENTIFICATION OF PREPARATION**

Not regarded as dangerous to human health under current legislation. Titanium White, Zinc White, Rowney Emerald, Scarlet Lake, Flesh Tint, Lemon Yellow, Rowney Primrose, Naples Yellow 1,2,3 and Rowney Yellow contain Zinc Oxide and are classified for environmental danger N R51 – 53 i.e. N: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

#### **4. FIRST AID MEASURES.**

- General: In all cases if in doubt, or when symptoms persist, seek medical attention.  
NEVER give anything by mouth to an unconscious person.
- Inhalation: Not applicable for normal use of this product.
- Eye contact: Irrigate copiously with clean fresh water for at least 10 minutes, holding the eyelid apart.  
Seek medical attention.
- Skin contact: Wash skin thoroughly with soap and water or use a recognised skin cleanser.  
DO NOT use solvents or thinners.
- Ingestion: If accidentally swallowed, obtain medical attention.  
DO NOT induce vomiting.
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#### **5. FIRE FIGHTING METHODS**

- Extinguishing media: Dry chemical or foam extinguishers.
- Not to be used: Water jet.
- Recommendations/other information : Flash point exceeds 230<sup>0</sup>C. If heated over 250<sup>0</sup>C colours will  
Decompose to give complex mixture of aldehydes, lactones and  
Ketones namely Acrolein.
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#### **6. ACCIDENTAL RELEASE MEASURES**

Clean with absorbent cloth. Any residue can be cleaned with a cloth dampened with white spirit. Use protective gloves when using a solvent. Ensure good ventilation.  
Dispose of any soiled rags or waste in a sealed, water filled metal container. Dispose of in accordance with local regulations.

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#### **7. HANDLING AND STORAGE**

- Handling: Avoid prolonged contact with the skin. Observe good standards of hygiene.  
DO NOT eat, drink or smoke whilst handling these products.  
Wash hands after use.
- Storage: Reseal tube when not in use and store at room temperature.  
Keep out of reach of children.
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#### **8. EXPOSURE CONTROLS/PERSON PROTECTION**

Wear overalls / smock.  
When using, DO NOT eat, drink or smoke.  
Wash hands after use.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance :	Oil colour of buttery consistency.
Odour:	Linseed Oil.
pH of aqueous extract:	Not Applicable
Melting point:	Not applicable
Flash point:	Not Applicable
Flammability :	See 5 above.
Explosive properties :	Not Applicable
Specific gravity:	1.10 – 2.60
Solubility water:	Insoluble.
Organic solvents:	Soluble in White Spirit, Turpentine, Isoparaffin Solvents ( eg. Daler-Rowney Low Odour Thinners).

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## 10. STABILITY AND REACTIVITY

Conditions to avoid:	Contains an oxidising oil. Rags, steel wool or waste soaked with this product may spontaneously catch fire if not properly discarded. Immediately after use, place soiled material in a sealed, water filled metal container.
Materials to avoid:	None known.
Hazardous decomposition products :	None known.

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## 11. TOXICOLOGICAL INFORMATION

There are no data on the preparation itself.

Threshold limit:

Ingestion:	Not considered to represent a significant health hazard. May cause temporary discomfort.
Skin:	Prolonged contact may result in a mild reaction in some cases.
Eyes:	May cause temporary discomfort.
Respiratory:	Not Applicable.

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## 12. ECOLOGICAL INFORMATION

No information is available on the colours with the exception of Titanium White, Zinc White, Rowney Emerald, Scarlet Lake, Flesh Tint, Lemon Yellow, Rowney Primrose, Naples Yellow 1,2,3 and Rowney Yellow that are dangerous to the aquatic environment.

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### 13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local regulations.

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### 14. TRANSPORT INFORMATION

Transport only in accordance with ADR for roads, RID for Rail, IMDG for sea and ICAO/IATA for air transport

ADR/RID: Not restricted.

IMG : Not restricted.

ICAO/IATA: Not restricted.

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### 15. REGULATORY INFORMATION

In accordance with the Chemicals (Hazard Information and Packaging) Regulations 2002 the product is labelled as follows :

Danger Classification : None.

Warning symbol: Not required.

Contains: ---

R phrases : None.

S phrases: None.

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### 16. OTHER INFORMATION

The information on this MSDS is based on the present state of our knowledge and on current EEC and national Laws, 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 1 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 products properties.

This information is intended to conform with the requirements of Directive 91/155/EEC and to serve as a guide to the safe handling of the above mentioned products.

Date of Issue : 10<sup>th</sup> January 2006.