

SAFETY DATA SHEET  
**DALER ♦ ROWNEY**  
 GRADUATE OIL COLOURS

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

**Product Name** GRADUATE OIL COLOURS  
**Supplier** DALER-ROWNEY LTD, PEACOCK LANE , BRACKNELL, RG12 8SS, ENGLAND.  
 Emergency tel : +44 (0) 1344 461000/ fax : +44 (0) 1344 486511  
 E-mail contact : tom.stagles@daler-rowney.com

**Product No.** 117 ... ..  
**Application** OIL COLOUR PAINTING

**2 . HAZARDS IDENTIFICATION**

**Classification (1999/45)**

No colours are classified as harmful to human health.

Titanium White contain Zinc Oxide (CAS number 1313-13-2) and is classified for environmental danger

**3 . COMPOSITION/INFORMATION ON INGREDIENTS**

Not regarded as dangerous to human health under current legislation. Titanium White contain Zinc Oxide and is classified for environmental danger

Colour code	Colour Name	Name	EC No	Cas. No	Content	Classification (67/548)
009	Titanium White	ZINC OXIDE	215-222-5	1314-13-2	3-3.5%	R51/53.

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

The Full Text for all R-Phrases are Displayed in Section 16

**4. FIRST-AID MEASURES**

**General**

In all cases, if symptoms persist, seek medical attention. NEVER give anything by mouth to an unconscious person

**Inhalation**

Not Applicable.

**Ingestion**

DO NOT induce vomiting. Flush mouth with clean water. Seek medical attention.

**Skin Contact**

Wash affected area with plenty of soap and water. DO NOT use solvent. If irritation persists, seek medical attention.

**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 lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues

**5 . FIRE-FIGHTING MEASURES**

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**Extinguishing Media**

Fire can be extinguished using: Foam, carbon dioxide or dry powder

**Unusual Fire & Explosion Hazards**

May ignite other combustible materials.

**Specific Hazards**

Fire creates: Oxides of: Carbon.

**6 . ACCIDENTAL RELEASE MEASURES**

**Personal Precautions**

USE PROTECTIVE GLOVES if using solvents or solvent containing media. Ensure good ventilation if using solvent.

**Environmental Precautions**

Dispose of any soiled rags or waste in a sealed water filled metal container. Dispose of in accordance with local regulations.

**Spill Cleanup Methods**

Clean up with absorbent cloth. Any residue can be cleaned up with a cloth dampened with solvent

**7. HANDLING AND STORAGE**

**Usage Precautions Usage**

Observe good standards of hygiene. DO NOT eat, drink or smoke whilst using. Wash hands after use.

**Storage Precautions**

Reseal tube when not in use. Store at room temperature. Keep out of reach of children.

**8 . EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Engineering Measures**

Provide adequate general and local exhaust ventilation.

**Hand protection**

Use suitable protective gloves if risk of skin contact.

**Eye Protection**

Not relevant.

**Other Protection**

Use barrier creams to prevent skin contact.

**Hygiene Measures**

Use appropriate hand lotion to prevent defatting and cracking of skin. No specific hygiene procedures noted, but good personal hygiene practices are always advisable, especially when working with chemicals.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance :** Oil colours of buttery consistency.

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**Odour:** Vegetable oil.

**pH :** Not Applicable

**Melting point:** Softens with increasing temperature

**Flash point:** Not Applicable.

**Flammability :** Non flammable

**Explosive properties :** Not Applicable

**Specific gravity:** 1.1 – 2.0

**Solubility water:** Insoluble.

**Organic solvents:** Soluble in White Spirit, Turpentine or Isoparaffin Solvents (eg. Daler-Rowney Low Odour Thinners).

**10. STABILITY AND REACTIVITY**

**Stability**

Stable under normal temperature conditions

**Conditions to Avoid**

Keep away from combustible material. Possible spontaneous combustion of rags/clothes soaked in linseed oil/oil colour.

**Materials to Avoid**

None known

**Hazardous Decomposition Products**

Not known

**11. TOXICOLOGICAL INFORMATION**

**There are no data on the preparation itself.**

**Ingestion:**

Not considered to represent a significant health hazard. May cause discomfort.

**Skin:**

Prolonged contact may result in a mild reaction in some cases.

**Eyes:**

May cause temporary discomfort.

**Respiratory:**

Not Applicable.

**12 . ECOLOGICAL INFORMATION**

Titanium White contain Zinc Oxide and is classified as Dangerous for the environment: May cause long-term adverse effects in the aquatic environment.

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**13. DISPOSAL CONSIDERATIONS**

**Disposal Methods**

Dispose of in accordance with local regulations

**14 . TRANSPORT INFORMATION**

*This product is classified as small packaging*

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.

**15. REGULATORY INFORMATION**

**Labelling :**

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

Danger Classification : None  
Warning symbol: Only required for Titanium White  
Contains: -----  
R phrases : None  
S phrases: None

Titanium White contain Zinc Oxide and classified as danger to environment and label as followed:

**Labelling:**



Dangerous  
for the Environment

**Risk Phrases**

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

**Safety Phrases**

S2 Keep out of the reach of children

S29 Do not empty into drains.

S61 Avoid release to the environment. Refer to special instructions/safety data sheets

**EU Directives**

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Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. System of specific information relating to Dangerous Preparations. 2001/58/EC.

**16. OTHER INFORMATION**

**Date January 2011**

**Risk Phrases in Full**

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

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