DALER ROWNEY
Issue Date: June 2012

TRUSTED by ARTISTS WORLDWIDE

Safety Data Sheet

CLASSIFICATION IN ACCORDANCE WITH CLP/GHS

Product Name **GRADUATE OIL COLOURS**

SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product Identifier GRADUATE OIL COLOURS (Product code 117 ... ...)

1.2 Relevant identified uses of the substance or mixture and uses advised against **Oil Colour Painting**

1.3 Details of the supplier

DALER-ROWNEY LTD
PEACOCK LANE
BRACKNELL
RG12 8SS
ENGLAND
Telephone: +44 (0) 1344 461000

E-mail contact : tom.stagles@daler-rowney.com

1.4 Emergency Telephone **+44(0)1344 461083 (Monday to Friday 08:00-16:00)**

SECTION 2. HAZARDS IDENTIFICATION

2.1 Classification CHIP4
No colours are classified as harmful to human health.
Titanium White and Zinc White contain Zinc Oxide (CAS number 1313-13-2) Zinc Oxide is classified for environmental danger.

Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]
No colours are classified as harmful to human health.
Titanium White and Zinc White contain Zinc Oxide (CAS number 1313-13-2)
Zinc Oxide is classified for environmental danger
Acute aquatic toxicity (Category 1)
Chronic aquatic toxicity (Category 1)

2.2 Label Elements
Label required only for the following colours:
Titanium White and Zinc White

2.3 Signal Word **WARNING**

2.4 Hazard Statement

Colours: Zinc White, Titanium White required the following Hazard statement

H400 Very toxic to aquatic life

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2.5 Precautionary Statement

P102	Keep out of reach of children.
P273	Avoid release to the environment.
P501	Dispose of contents/ container to an approved waste disposal plant

2.6 Other information

None

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Not regarded as dangerous to human health under current legislation.

Flesh Tint, Underpainting White, Mixing White, Titanium White and Zinc White contain Zinc Oxide. Zinc Oxide is classified for environmental danger

3.1 Chemical Name

Colour Code	Colour Name	Name	Cas-No	EC No	REACH Reg No	Clasification			Conc'n
009	Titanium White	Zinc Oxide	1314-13-2	215-222-5	030-013-00-7	Wng	GHS09	H400	3.20%
001	Zinc White	Zinc Oxide	1314-13-2	215-222-5	030-013-00-7	Wng	GHS09	H400	6.80%

3.2 Further Information

Key to abbreviation, hazard statements are risk phrases in Section 16

SECTION 4. FIRST AID MEASURES

4.1 Description of first aid measures

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

Inhalation

Not Applicable.

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

Ingestion

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

4.2 Most important symptoms and effects, both acute and delayed

Not Applicable.

4.3 Indication of immediate medical attention and special treatment needed

Not Applicable.

SECTION 5. FIRE-FIGHTING MEASURES

5.2 Extinguishing media

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

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5.3 Unusual Fire & Explosion Hazards
May ignite other combustible materials.

5.4 Special hazards arising from the substance or mixture
Fire creates: Oxides of: Carbon

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures
USE PROTECTIVE GLOVES if using solvents or solvent containing media. Ensure good ventilation if using solvent.

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

6.3 Methods and material for containment and cleaning up
Clean up with absorbent cloth. Any residue can be cleaned up with a cloth dampened with solvent

6.4 Reference to other sections
For disposal see section 13.

SECTION 7. HANDLING AND STORAGE

7.1 Precautions for safe handling
Observe good standards of hygiene. DO NOT eat, drink or smoke whilst using. Wash hands after use.

7.2 Conditions for safe storage, including any incompatibilities
Reseal tube when not in use. Store at room temperature. Keep out of reach of children

7.3 Specific end uses
Oil Colour Painting

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters
Not Known

8.2 Exposure controls

Eye / face protection
Not relevant.

Skin protection
Use suitable protective gloves if risk of skin contact.

Respiratory protection
Not Applicable.

Other
Use barrier creams to prevent skin contact.

Thermal hazards
Not Applicable.

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SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance : Oil colours of buttery consistency.

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: 1.20 – 2.2

Solubility water: Insoluble.

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

9.2 Other information

SECTION 10. STABILITY AND REACTIVITY

10.1 Reactivity
Not applicable

10.2 Chemical stability
Stable under normal temperature conditions

10.3 Possibility of hazardous reactions
Not known

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

10.5 Incompatible materials
Not known

10.6 Hazardous decomposition products
Not known

SECTION 11. TOXICOLOGICAL INFORMATION

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

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11.2 Skin corrosion/irritation
Prolonged contact may result in a mild reaction in some cases.

11.3 Serious eye damage/irritation
May cause temporary discomfort.

11.4 Respiratory or skin sensitisation
Not Applicable

11.5 CMR effects
Not Applicable

11.6 Other information

SECTION 12. ECOLOGICAL INFORMATION

12.1 Toxicity
No data available

12.2 Persistence and degradability
No data available
12.3 Bioaccumulative potential
No data available

12.4. Mobility in soil
No data available

12.5. Results of PBT and vPvB assessment
No data available

12.6. Other adverse effects
Titanium White and Zinc White contain Zinc Oxide and are classified as Dangerous for the environment

13.1 Waste treatment methods
Dispose of in accordance with local regulations

SECTION 14. TRANSPORT INFORMATION

This product is classified as small packaging

14.1 UN Number	Not applicable
14.2 UN Proper Shipping Name	Not applicable
14.3 Transport hazard class(es)	Not applicable
14.4 Packing group	Not applicable
14.5 Environmental hazards	Not applicable
14.6 Emergency Action Code	Not applicable
14.7 Hazard Identification Number	Not applicable

SECTION 15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the product
This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

15.2 Chemical Safety Assessment

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No data available

SECTION 16. OTHER INFORMATION

16.1 Key to Hazard Statements In Section 3

H400 Very toxic to aquatic life

16.2 Key to Risk Phrases In Section 3

R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

SECTION 16. OTHER INFORMATION

This information is based on our present state of knowledge and is intended to describe our products from the point of view of the safety requirement. It should not construed as guaranteeing specific properties
Data sheet prepared by Daler-Rowney/Technical department

16.1 Date of revision **June 2012**

16.2 Reason of revision **Complying with CLP/GHS**

16.3 Section revised **All 16 sections revised**