

SAFETY DATA SHEET  
**DALER ♦ ROWNEY**  
ARTIST'S CLEAR PICTURE VARNISH (BOTTLED)

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

**Product Name** ARTIST'S CLEAR PICTURE VARNISH (BOTTLED)  
**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.** 114 000 800  
**Application** Varnish for Oil and Acrylic Paint

**2 . HAZARDS IDENTIFICATION**

**Classification:** European Dangerous Substances Directive (No. 67/548/EEC) and Dangerous Preparations Directive (No. 1999/45/EC). N;R51/53. R10, R66.  
Flammable. Repeated exposure may cause skin dryness or cracking. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**3 . COMPOSITION/INFORMATION ON INGREDIENTS**

| Name                  | EC No     | Cas. No    | Content | Classification (67/548)    |
|-----------------------|-----------|------------|---------|----------------------------|
| 1-METHOXY -2-PROPANOL | 203-539-1 | 107-98-2   | 10-12%  | R10; R67                   |
| WHITE SPITIT          | 265-185-4 | 64742-82-1 | 40-50%  | Xn;R65. N;R51/53. R10,R66. |

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

**4. FIRST-AID MEASURES**

**General Information**

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

**Inhalation**

Move the exposed person to fresh air at once. Get medical attention. Provide rest, warmth and fresh air. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen.

**Ingestion**

DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Get medical attention immediately! Drink plenty of water. Provide rest, warmth and fresh air.

**Skin Contact**

Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if irritation persists after washing.

**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 and get medical attention.

**5 . FIRE-FIGHTING MEASURES**

**Extinguishing Media**

Fire can be extinguished using: Dry chemicals, sand, dolomite etc.

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**Special Fire Fighting Procedures**

Avoid breathing fire vapours. Cool containers exposed to flames with water until well after the fire is out. Keep run-off water out of sewers and water sources. Dike for water control.

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| <b>6 . ACCIDENTAL RELEASE MEASURES</b> |
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**Spill Cleanup Methods**

Wear necessary protective equipment. Absorb in vermiculite, dry sand or earth and place into containers. Do not contaminate water sources or sewer

|                                |
|--------------------------------|
| <b>7. HANDLING AND STORAGE</b> |
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**Usage Precautions Usage**

Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

**Storage Precautions**

Store in tightly closed original container in a dry and cool place

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| <b>8 . EXPOSURE CONTROLS/PERSONAL PROTECTION</b> |
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| Name         | Std | TWA - 8 hours |          | STEL 15-min |          | Notes |
|--------------|-----|---------------|----------|-------------|----------|-------|
| WHITE SPITIT | OES | 25ppm         | 145mg/m3 | 125ppm      | 790mg/m3 |       |

**Protective Equipment****Engineering Measures**

Provide adequate general and local exhaust ventilation.

**Respiratory Equipment**

No specific recommendation made, but respiratory protection must be used if the general level exceeds the recommended occupational exposure limit.

**Hand Protection**

Use protective gloves.

**Eye Protection**

Wear approved safety goggles.

**Hygiene Measures**

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly with soap & water if skin becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

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| <b>9. PHYSICAL AND CHEMICAL PROPERTIES</b> |
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**Appearance**

Liquid

**Colour**

Colourless to Yellow

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|                                       |                     |
|---------------------------------------|---------------------|
| <b>Odour</b>                          | Characteristic      |
| <b>Solubility</b>                     | Insoluble in water  |
| <b>Relative Density</b>               | 0.90                |
| <b>Volatile by Vol.(%)</b>            | 55                  |
| <b>Flash Point (°C)</b>               | 41 CC (Closed cup). |
| <b>Flammability Limit - Lower (%)</b> | 0.60                |
| <b>Solubility Value</b>               | <0.1                |
| <b>Vapour Pressure</b>                | 2.00 mm Hg 20       |
| <b>Viscosity</b>                      | 80 s 23             |
| <b>Auto Ignition</b>                  | >250                |
| <b>Flammability Limit - Upper (%)</b> | 8.0                 |

## 10. STABILITY AND REACTIVITY

### Stability

Stable under normal temperature conditions

### Conditions to Avoid

Avoid contact with acids and oxidising substances

### Hazardous Decomposition Products

Fire creates: Toxic gases/vapours/fumes of: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

## 11. TOXICOLOGICAL INFORMATION

### Inhalation

Prolonged inhalation of high concentrations may damage respiratory system.

### Ingestion

Liquid irritates mucous membranes and may cause abdominal pain if swallowed

### Skin Contact

Acts as a defatting agent on skin. May cause cracking of skin, and eczema. Prolonged or repeated exposure may cause severe irritation. The product contains a small amount of sensitising substance which may provoke an allergic reaction among sensitive individuals after repeated contact.

### Eye Contact

May cause severe irritation to eyes.

### Target Organs

Skin. Eyes. Respiratory system, lungs.

## 12 . ECOLOGICAL INFORMATION

**Mobility :** Partly volatile

## 13. DISPOSAL CONSIDERATIONS

### Disposal Methods

Dispose of waste and residues in accordance with local authority requirements.

## 14 . TRANSPORT INFORMATION

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|                      |                             |                |      |
|----------------------|-----------------------------|----------------|------|
| PROPER SHIPPING NAME | PAINT RELATED MATERIAL      | ADR CLASS NO.  | 3    |
| UN NO. ROAD          | 1263                        | ADR PACK GROUP | III  |
| ADR CLASS            | Class 3: Flammable liquids. | RID CLASS NO.  | 3    |
| HAZCHEM CODE         | 3Y                          | UN NO. SEA     | 1263 |
| RID PACK GROUP       | III                         | IMDG PACK GR.  | III  |
| IMDG CLASS           | 3                           | MFAG           | 310  |
| EMS                  | 3-05                        | UN NO. AIR     | 1263 |
| MARINE POLLUTANT     |                             |                |      |
| AIR CLASS            | 3                           |                |      |
| AIR PACK GR.         | III                         |                |      |

**15. REGULATORY INFORMATION**

**Labelling**



Dangerous for the Environment

**Risk Phrases**

- R10 Flammable.
- R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- R66 Repeated exposure may cause skin dryness or cracking

**Safety Phrases**

- S2 Keep out of the reach of children
- S29/56 Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.
- S37 Wear suitable gloves
- S46 If swallowed, seek medical advice immediately and show this container or label.
- S51 Use only in well-ventilated areas.
- S61 Avoid release to the environment. Refer to special instructions/safety data sheets.

**EU Directives**

Issue Date: January 2011



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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**

- R10 Flammable.
- R65 Harmful: may cause lung damage if swallowed
- R36/37/38 Irritating to eyes, respiratory system and skin
- R43 May cause sensitisation by skin contact.
- R66 Repeated exposure may cause skin dryness or cracking.
- R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
- R50 Very toxic to aquatic organisms.

##### 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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