

SAFETY DATA SHEET  
**DALER ♦ ROWNEY**  
RETOUCHING VARNISH

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

**Product Name** RETOUCHING VARNISH  
**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.** 114 000 010  
**Application** Varnish for Oil 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, R65; R66.  
Flammable. Repeated exposure may cause skin dryness or cracking. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Harmful: may cause lung damage if swallowed

**3 . COMPOSITION/INFORMATION ON INGREDIENTS**

Name	EC No	Cas. No	Content	Classification (67/548)
1-METHOXY -2-PROPANOL	203-539-1	107-98-2	55-60%	R10; R67
WHITE SPITIT	265-185-4	64742-82-1	10-15%	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.

SAFETY DATA SHEET  
**DALER ♦ ROWNEY**  
RETOUCHING VARNISH

**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.

**6 . ACCIDENTAL RELEASE MEASURES**

**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

**7. HANDLING AND STORAGE**

**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

**8 . EXPOSURE CONTROLS/PERSONAL PROTECTION**

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.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance**

Liquid

SAFETY DATA SHEET  
**DALER ♦ ROWNEY**  
RETOUCHING VARNISH

<b>Colour</b>	Colourless to Yellow
<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.

SAFETY DATA SHEET  
**DALER ♦ ROWNEY**  
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**14 . TRANSPORT INFORMATION**



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.
- R65 Harmful: may cause lung damage if swallowed
- R66 Repeated exposure may cause skin dryness or cracking
- R67 Vapours may cause drowsiness and dizziness

**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.

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Revision Date: April 2012



SAFETY DATA SHEET  
**DALER ♦ ROWNEY**  
RETOUCHING VARNISH

- S51 Use only in well-ventilated areas.
- S61 Avoid release to the environment. Refer to special instructions/safety data sheets.

**EU Directives**

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
- R66 Repeated exposure may cause skin dryness or cracking.
- R67 Vapours may cause drowsiness and dizziness
- R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

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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.