

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, 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	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.



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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.

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
Colour Colourless to Yellow



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Odour	Characteristic
Solubility	Insoluble in water
Relative Density	0.90
Volatile by Vol.(%)	55
Flash Point (°C)	41 CC (Closed cup).
Flammability Limit – Lower (%)	0.60
Solubility Value	<0.1
Vapour Pressure	2.00 mm Hg 20
Viscosity	80 s 23
Auto Ignition	>250
Flammability Limit – Upper (%)	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 (CO₂).

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.
- 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.
- S51 Use only in well-ventilated areas.



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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

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



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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.