

SAFETY DATA SHEET
DALER ♦ ROWNEY
 POSTER AND WATER COLOUR VARNISH

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

Product Name POSTER AND WATERCOLOUR VARNISH
Supplier DALER-ROWNEY LTD, PEACOCK LANE , BRACKNELL, RG12 8SS, ENGLAND.
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Product No. 114 000 009

Application Varnish for Poster and Waterbase Paints

2 . HAZARDS IDENTIFICATION

Classification: European Dangerous Substances Directive (No. 67/548/EEC) and Dangerous Preparations Directive (No. 1999/45/EC). R10, R67.
 Flammable. Vapours may cause drowsiness and dizziness.

3 . COMPOSITION/INFORMATION ON INGREDIENTS

| Name | EC No | Cas. No | Content | Classification (67/548) |
|-----------------------|-----------|----------|---------|-------------------------|
| 1-METHOXY -2-PROPANOL | 203-539-1 | 107-98-2 | 40-50% | R10; R67 |

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

4. FIRST-AID MEASURES

Inhalation

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

Ingestion

Get medical attention. Do not induce vomiting. Never give liquid to an unconscious person. Get medical attention immediately!

Skin Contact

Rinse the skin immediately with lots of water. Get medical attention if any discomfort continues.

Eye Contact

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Contact physician if discomfort continues.

5 . FIRE-FIGHTING MEASURES

Extinguishing Media

Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.

Unusual Fire & Explosion Hazards

Flammable

Specific Hazards

Oxides of Carbon.

Protective Measures in Fire

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Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6 . ACCIDENTAL RELEASE MEASURES

Spill Cleanup Methods

Absorb with inert, damp, non-combustible material, and then flush area with water. Collect spillage in containers, seal securely and deliver for disposal according to local regulations

7. HANDLING AND STORAGE

Usage Precautions

Static electricity and formation of sparks must be prevented. Provide good ventilation. Avoid inhalation of vapours/spray and contact with skin and eyes

Storage Precautions

Store in tightly closed original container in a dry, cool and well-ventilated place.

8 . EXPOSURE CONTROLS/PERSONAL PROTECTION

| Name | Std | TWA - 8 hours | | STEL 15-min | | Notes |
|-----------------------|-----|---------------|---------------------------|-------------|---------------------------|-------|
| 1-METHOXY -2-PROPANOL | WEL | 100ppm(Sk) | 375mg/m ³ (Sk) | 150ppm(Sk) | 560mg/m ³ (Sk) | Sk |

WEL = Workplace Exposure Limit.

Sk= Can be absorbed through skin.

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

Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin 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

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| | |
|---------------------------------------|---------------------|
| Appearance | Liquid |
| Colour | Colourless |
| Odour | Ether |
| Solubility | Miscible with water |
| Relative Density | 0.92 |
| Flash Point (°C) | 79 CC (Closed cup). |
| Flammability Limit - Lower (%) | 0.50 |
| Evaporate Rate | 480(EtEt=1) |
| Viscosity | 1.7mPa |
| Auto Ignition | 287 |
| Flammability Limit - Upper (%) | 13.7 |

10. STABILITY AND REACTIVITY

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

Harmful: may cause lung damage if swallowed. Pneumonia may be the result if vomited material containing solvents reaches the lungs.

Skin Contact

Acts as a defatting agent on skin. May cause cracking of skin, and eczema.

Eye Contact

No specific health warnings noted.

12 . ECOLOGICAL INFORMATION

Mobility: This product is soluble in water

Degradability: This product is biodegradable

13. DISPOSAL CONSIDERATIONS

Disposal Methods

Dispose of waste and residues in accordance with local authority requirements

14 . TRANSPORT INFORMATION

| | | | |
|----------------------|-----------------------|----------------|-----|
| PROPER SHIPPING NAME | 1-METHOXY -2-PROPANOL | ADR CLASS NO. | 3 |
| UN NO. ROAD | 3092 | ADR PACK GROUP | III |

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|------------------|-------------------|---------------|------|
| ADR CLASS | Flammable liquid. | RID CLASS NO. | 3 |
| HAZCHEM CODE | 2Y | UN NO. SEA | 3092 |
| RID PACK GROUP | III | IMDG PACK GR. | III |
| IMDG CLASS | 3 | UN NO. AIR | 3092 |
| EMS | 3-05 | | |
| MARINE POLLUTANT | | | |
| AIR CLASS | 3 | | |
| AIR PACK GR. | III | | |

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|-----------------------------------|
| 15. REGULATORY INFORMATION |
|-----------------------------------|

Labelling**Harmful****Contains**

1-METHOXY -2-PROPANOL

Risk Phrases

R10 Flammable
 R67 Vapour may cause drowsiness and dizziness

Safety Phrases

S51 Use only in well-ventilated areas.
 S60 This material and its container must be disposed of as hazardous waste.

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.

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|------------------------------|
| 16. OTHER INFORMATION |
|------------------------------|

Date: January 2011**Risk Phrases in Full**

R10 Flammable
 R67 Vapour may cause drowsiness and dizziness

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.

Issue Date: January 2011

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