

# DALER ~ROWNEY

FINE ART & GRAPHIC MATERIALS

Daler-Rowney Limited, PO Box 10, Bracknell, Berkshire RG12 8BT  
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## Health and Safety Data Sheet

(REVISION: DATE REVISED 13/10/03; REVISED SECTIONS 2, 3, 14 &15)

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### 1. IDENTIFICATION OF THE PREPARATION AND COMPANY

Product : FIXATIVE  
Intended use: FIXING CHARCOAL AND PASTEL DRAWINGS.

Name, Full address and telephone Number; Daler-Rowney Ltd  
Daler-Rowney House  
Bracknell  
Berkshire  
RG12 8ST  
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### 2. CHEMICAL COMPOSITION/INFORMATION ON INGREDIENTS

Substances presenting a health hazard with the meaning of the Dangerous Substances Directive 67/548/EEC.

Names:	% (wt) Concentration	Symbol	R Phrases
Methylated Spirits	95%	F+	11,40, 20/21/22

(CAS number Methanol: 67-56-1,  
CAS number Ethanol:75-07-0)

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### 3. HAZARDS IDENTIFICATION OF PREPARATION

Highly Flammable. Contains Methanol and Ethanol. Harmful by inhalation, in contact with skin and if swallowed. Limited evidence of a carcinogenic effect.

Keep away from sources of ignition – NO SMOKING. Wear suitable protective clothing and gloves. Keep out of reach of children. Keep away from food, drink and animal feeding stuffs.

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### 4. FIRST AID MEASURES.

General: In all cases if in doubt, or when symptoms persist, seek medical attention. NEVER give anything by mouth to an unconscious person.

Inhalation: Remove from exposure. Keep warm and at rest.

Eye contact: Irrigate with copious amounts of clean water for at least 10 minutes, holding the eye open. **Obtain immediate medical attention.**

Skin contact: Wash affected area with soap and water.

Ingestion: DO NOT induce vomiting. Wash out mouth with water. Keep warm and at rest. If there is difficulty in breathing, give oxygen. **Obtain immediate medical attention.**

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## 5. FIRE FIGHTING METHODS

Extinguishing media: Use foam, dry chemical or carbon dioxide extinguishers.

Not to be used: Water jet.

Recommendations/other information :

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## 6. ACCIDENTAL RELEASE MEASURES

Clean with an absorbent cloth. Any residue can be cleaned with a cloth dampened with methylated spirits. Wear protective clothing and gloves when using solvents. Ensure good ventilation. Dispose of in accordance with local regulations.

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## 7. HANDLING AND STORAGE

Handling: Observe good standards of hygiene.  
Use away from sources of ignition.  
When using, DO NOT eat, drink or smoke.  
Ensure adequate ventilation.

Storage: Keep bottles tightly closed.  
Keep away from sources of ignition.

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## 8. EXPOSURE CONTROLS/PERSON PROTECTION

Wear overalls / smock.  
Ensure good cross ventilation.  
When using, DO NOT eat, drink or smoke.  
Wash hands before eating, drinking or smoking.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Straw coloured liquid.

Odour : Methylated spirits

pH of aqueous extract: Not Applicable.

Melting point: Not Applicable.

Flash point: 12°C

Flammability : Highly Flammable.

Explosive properties : Not Applicable.

Specific gravity: 0.87

Solubility water: Mainly Soluble.

Organic solvents: Methylated spirits.

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## 10. STABILITY AND REACTIVITY

Conditions to avoid: None known.

Materials to avoid: Oxidising agents, conc. Nitric Acid, conc. Sulphuric Acid.

Hazardous decomposition products : None known.

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## 11. TOXICOLOGICAL INFORMATION

There are no data on the preparation itself.

Threshold limit: For ethanol OES TWA 8 hours 1000ppm.  
If excessive exposure to methylated spirits the following may occur :

Ingestion: Headache, dizziness and drowsiness.

Skin: Frequent or prolonged contact may cause a mild reaction in some cases.

Eyes: Will cause conjunctival irritation and corneal damage.

Respiratory: May cause discomfort to the eyes, nose and throat.

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## 12. ECOLOGICAL INFORMATION

There is no data on the preparation itself. Soluble in water. Avoid contamination of water courses and soil.

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## 13. DISPOSAL CONSIDERATIONS

Do not allow into drains or water courses. Dispose of in accordance with local regulations (noticeable in accordance with Control of Pollution (special waste) Regulations – 1980 S.1 1709 in UK).

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## 14. TRANSPORT INFORMATION

Transport only in accordance with ADR for roads, RID for Rail, IMDG for sea and ICAO/IATA for air transport

ADR/RID: Class **3** UN Nr **1263** Proper shipping name **Paint Related Material** Label **Highly Flammable**

IMG : Class **3** UN Nr **1263** Proper shipping name **Paint Related Material** Label **Highly Flammable**

ICAO/IATA: Class **3** UN Nr **1263** Proper shipping name **Paint Related Material** Label **Highly Flammable**

Packaging Group. **III**

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## 15. REGULATORY INFORMATION

In accordance with the Chemicals (Hazard Information and Packaging) Regulations 2002 the product is labelled as follows :

Danger Classification : Highly Flammable

Warning symbol: Flame

Contains: Methanol and Ethanol

R phrases : R 11 Highly Flammable.

	R 20/21/23	Harmful by inhalation, in contact with skin and if swallowed.
	R40	Limited evidence of a carcinogenic effect.
S phrases:	S16	Keep away from source of ignition - No Smoking.
	S36/37	Wear protective clothing and gloves
	S2	Keep out of reach of children
	S13	Keep away from food, drink and animal feeding stuffs.

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## 16. OTHER INFORMATION

The information on this MSDS is based on the present state of our knowledge and on current EEC and national Laws, as the users working conditions are beyond our knowledge and control. The product is not to be used for other purposes than specified in section 1 without first seeking our advice. It is always the responsibility of the user to take necessary steps in order to fulfil the demands laid down in the local rules of legislation. The information in this MSDS is meant as a description of the safety requirements of our product: it is not to be considered as a guarantee of the products properties.

This information is intended to conform with the requirements of Directive 91/155/EEC and to serve as a guide to the safe handling of the above mentioned products.

Date of Issue : 8<sup>th</sup> March 2006