

# **DALER ~ROWNEY**

FINE ART & GRAPHIC MATERIALS

Daler-Rowney Limited, PO Box 10, Bracknell, Berkshire RG12 8BT  
Telephone: Bracknell (01344) 461000 Fax: Bracknell (01344) 486511

## **Health and Safety Data Sheet**

(REVISION: DATE REVISED 11/11/05: REVISED SECTIONS 1, 2, 4, 16)

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### **1. IDENTIFICATION OF THE PREPARATION AND COMPANY**

Product Name: SYSTEM 3 ACRYLIC COLOURS.

Intended use: ART, CRAFT & DESIGN WORK.

Name, Full address and telephone Number; Daler-Rowney Ltd  
Daler-Rowney House  
Bracknell  
Berkshire  
RG12 8ST  
Telephone (01344) 461000  
Fax : (01344) 860746

### **2. CHEMICAL COMPOSITION/INFORMATION ON INGREDIENTS**

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

(a) Microbiocide based on isothiazolones and formaldehyde donators including the following dangerous components (concentration levels are given for the finished product):

Formaldehyde (<0.002%)

CAS number: 50-00-0  
EINECS: 200-001-8 T; R 23/24/25-34-40-43

A mixture of: 5 - chloro-2-methyl-2H-isothiazol-3-one [EC No 247-50-7] and 2-methyl-2H-isothiazol-3-one [EC No 220-239-6] (3:1) T, N; R 23/24/25-34-43-50/53 (<0.0015%)

(b) Microbiocide based on isothiazolones and formaldehyde donators including the following dangerous components (concentration levels are given for the finished product):

Formaldehyde (<0.02%)

CAS number: 50-00-0  
EINECS: 200-001-8 T; R 23/24/25-34-40-43

2-methyl-2H-isothiazol-3-one (<0.05%)  
CAS number 2682-20-4  
EC No 220-239-6 T, N; R 24/25-34-43-50

1,2-benzisothiazol-3(2H)-one (<0.05%)

CAS number: 2634-33-5  
EINECS: 220-120-9 Xn: R22-38-41-43-50

#### **Additional information**

The combined total concentration for the dangerous components in the preservatives is below the level that requires the finished product to be classified as dangerous for use.

### 3. HAZARDS IDENTIFICATION OF PREPARATION

Not regarded as dangerous under current legislation.

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### 4. FIRST AID MEASURES.

General: In all cases where symptoms persist, seek medical attention. NEVER give anything by mouth to an unconscious person.

Inhalation: Not Applicable.

Eye contact: Irrigate eye with copious amounts of clean water until the discomfort subsides. If symptoms persist, seek medical attention.

Skin contact: Wash affected area with soap and water. If symptoms persist, seek medical attention.

Ingestion: DO NOT induce vomiting. Seek medical attention.

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### 5. FIRE FIGHTING METHODS

Extinguishing media: Any extinguisher.

Not to be used: Not Applicable.

Recommendations/other information :

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### 6. ACCIDENTAL RELEASE MEASURES

Clean up spillage immediately with damp cloth, and wash area down thoroughly with detergent and water.

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### 7. HANDLING AND STORAGE

Handling: Avoid prolonged skin contact.  
Avoid contact with clothing, as removal may be impossible.  
DO NOT eat, drink or smoke whilst using.  
Wash hands after use.

Storage: Avoid extremes of temperature.  
Avoid contact with acids.  
Clean lids and threads of containers before closing.

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### 8. EXPOSURE CONTROLS/PERSON PROTECTION

Wear overalls / smock.  
DO NOT eat, drink or smoke whilst using  
Wash hands after use.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Liquid Acrylic colours.

Odour: Acrylic resin.

pH of aqueous extract: 8.90 – 9.80

Melting point: Not Applicable.

Flash point: Not Applicable.

Flammability : Non – Flammable.

Explosive properties : Not Applicable.

Specific gravity: 1.15 – 1.43.

Solubility water: Soluble.

Organic solvents: Insoluble.

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## 10. STABILITY AND REACTIVITY

Conditions to avoid: Extremes of temperature.

Materials to avoid: Acids.

Hazardous decomposition products: None known.

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## 11. TOXICOLOGICAL INFORMATION

There are no data on the preparation itself.

Threshold limit:

Ingestion: Small amounts are not likely to be toxic, but may cause discomfort in mouth, throat or stomach and may cause vomiting or diarrhoea.

Skin: Prolonged contact may result in a mild reaction in some instances.

Eyes: Presence of ammonia in the acrylic emulsion may cause reddening and discomfort.

Respiratory: Not Applicable.

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## 12. ECOLOGICAL INFORMATION

No information available.

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## 13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local authority regulations.

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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: Not restricted.

IMG : Not restricted.

ICAO/IATA: Not restricted.

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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 : None.

Warning symbol: None required.

Contains: -----

R &S phrases : None.

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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 : 14/09/04