

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 13/03/06: REVISED SECTIONS 1, 2, 15 & 16)

1. IDENTIFICATION OF THE PREPARATION AND COMPANY

Product : SYSTEM 3 SCREEN PRINTING MEDIUM.

Intended use: FOR USE IN SCREEN PRINTING.

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.

4. FIRST AID MEASURES.

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

Inhalation: Not Applicable.

Eye contact: Irrigate with copious amounts of clean water for at least 10 minutes. If discomfort persists, seek medical advice.

Skin contact: Wash affected area with soap and water. If discomfort persists, seek medical advice.

Ingestion: DO NOT induce vomiting. Give patient plenty of milk or water to drink.
Seek medical advice.

5. FIRE FIGHTING METHODS

Extinguishing media: Any extinguisher.

Not to be used:

Recommendations/other information :

6. ACCIDENTAL RELEASE MEASURES

Clean up with absorbent material. Wash affected area with soap and water.

7. HANDLING AND STORAGE

Handling: Avoid ingestion, eye contact and prolonged skin contact.
DO NOT eat, drink or smoke whilst using.
Wash hands after use and before eating, drinking or smoking.

Storage: Avoid extremes of temperature.
Store in a cool dry place.

8. EXPOSURE CONTROLS/PERSON PROTECTION

Wear overalls / smock.
DO NOT eat, drink or smoke whilst using.
Wash hands before eating, drinking or smoking.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Translucent medium.
Odour : Acrylic resin.
pH of aqueous extract: 8.7 – 9.2
Melting point: Not Applicable.
Flash point: Not Applicable.
Flammability : See 5 above.
Explosive properties : Not Applicable.
Specific gravity: 1.03
Solubility water: Soluble.
Organic solvents: Insoluble.

10. STABILITY AND REACTIVITY

Conditions to avoid: Extremes of temperature.
Materials to avoid: Avoid contact with acids.
Hazardous decomposition products :

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 and diarrhoea.
Skin: Prolonged contact may result in a mild reaction in some cases.
Eyes: Presence of aliphatic amine in the acrylic emulsion may cause discomfort and reddening.
Respiratory: Not Applicable.

12. ECOLOGICAL INFORMATION

No information available.

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local authority regulations.

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.

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 phrases : None.

S phrases: None.

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.

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