

SAFETY DATA SHEET

DALER ♦ ROWNEY
SYSTEM 3 TINTERS



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

Product Name
Supplier

SYSTEM 3 TINTERS

DALER-ROWNEY LTD, PEACOCK LANE , BRACKNELL, RG12 8SS, ENGLAND.
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Product No.
Application

To be used with System 3 Printing Mediums and colours

2 . HAZARDS IDENTIFICATION

According to the present state of knowledge provided if this product is handled correctly, there is no danger to humans or the environment

3 . COMPOSITION/INFORMATION ON INGREDIENTS

Classification (1999/45)

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

No dangerous substances present

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 until irritation subsides. If irritation Persists, seek medical attention.

Skin contact: Flush with large amounts of water; use soap if available.

Ingestion: Wash out mouth with water. Do not induce vomiting. If patient feels unwell seek medical attention

5 . FIRE-FIGHTING MEASURES

Extinguishing media: Water spray, carbon dioxide, dry chemical or carbon dioxide extinguishers.

Not to be used: Full jet water.

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Recommendations/other information :

Hazardous combustion products: None known.

Special equipment for fire fighting: self-contained breathing apparatus.

6 . ACCIDENTAL RELEASE MEASURES

Clean with absorbent cloth. Use protective gloves. Ensure good ventilation. Dispose of in accordance with local regulations.

7. HANDLING AND STORAGE

Handling: Observe good standards of hygiene. DO NOT eat, drink or smoke when using.

Wash hands after use.

Storage: Do not store at temperatures exceeding 50°C. Protect from atmospheric pollution. Sensitive to frost.

8 . EXPOSURE CONTROLS/PERSONAL PROTECTION

Protective Equipment



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

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Liquid different colours
Colour	Different colours
Odour	Slight
Solubility	soluble in water Soluble
Relative Density	1.1 – 1.5
Explosive properties	Not Applicable
Melting Point	Not Applicable
Boiling Point (°C)	≥ 100 °C

10. STABILITY AND REACTIVITY

Materials to avoid: None known

Hazardous decomposition products : When handled and stored appropriately no dangerous

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decomposition products are known.

11. TOXICOLOGICAL INFORMATION

There are no data on the preparation itself, but from experience over many years of manufacturing aqueous Dispersion products are considered to have a low level of toxicity.

12 . ECOLOGICAL INFORMATION

The product has not been evaluated for its ecotoxicity. However, based upon degradation studies of similarly formulated aqueous dispersions, it can be concluded that the ingredients are almost completely degraded, except for the pigment. The biodegradation of colorants under aerobic conditions is expected to be limited and there is no evidence to suggest they create any significant ecological problems when released in to the environment. Since pigments are generally insoluble compounds, they are believed to have minimal bioaccumulation and bioavailability characteristics.

13. DISPOSAL CONSIDERATIONS

Disposal Methods

DO NOT allow to enter drains or water courses. Dispose of in accordance with local regulations (notifiable in accordance with Control of Pollution (special waste) Regulation – 1980 S.1 1709 in U.K.)

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

Labelling

In accordance with the Chemicals (Hazard Information and Packaging) Regulations 2004 the product is labelled as follows :

Danger Classification : Not dangerous

Warning symbol: None

Contains:

R- Phrases

16. OTHER INFORMATION

Issue Date: 27 September 2011



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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 27 September 2011

Risk Phrases in Full

None

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.