

SAFETY DATA SHEET
DALER ♦ ROWNEY
SYSTEM 3 LIQUID RETARDER

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

Product Name SYSTEM 3 LIQUID RETARDER
Supplier DALER-ROWNEY LTD, PEACOCK LANE , BRACKNELL, RG12 8SS, ENGLAND.
Emergency tel : +44 (0) 1344 461000/ fax : +44 (0) 1344 486511
E-mail contact : tom.stagles@daler-rowney.com

Product No. 127 ... 033
Application Medium for Printing with Acrylic Paint

2 . HAZARDS IDENTIFICATION

Classification (1999/45)

Any hazardous ingredients are below classification limit.

3 . COMPOSITION/INFORMATION ON INGREDIENTS

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. Get medical attention if any discomfort continues

Ingestion

NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Rinse mouth thoroughly. Drink plenty of water. Get medical attention if any discomfort continues

Skin Contact

Remove affected person from source of contamination. Get medical attention if irritation persists after washing.

Eye Contact

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

5 . FIRE-FIGHTING MEASURES

Extinguishing Media

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials

6 . ACCIDENTAL RELEASE MEASURES

Spill Cleanup Methods

SAFETY DATA SHEET
DALER ♦ ROWNEY
SYSTEM 3 LIQUID RETARDER

Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush with plenty of water to clean spillage area. Do not contaminate water sources or sewer.

7. HANDLING AND STORAGE

Usage Precautions Usage

Avoid spilling, skin and eye contact

Storage Precautions

Keep in original container. Store at moderate temperatures in dry, well ventilated area.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION



Engineering Measures

No particular ventilation requirements.

Hand Protection

No specific hand protection noted.

Eye Protection

If risk of splashing, wear safety goggles or face shield.

Other Protection

No specific protective equipment noted, but may be required anyway.

Hygiene Measures

Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Liquid
Colour	Clear Liquid
Odour	Odourless
Solubility	Miscible in water
Relative Density	1.0 – 1.04
Boiling Point	>100 760 mm Hg

SAFETY DATA SHEET
DALER ♦ ROWNEY
SYSTEM 3 LIQUID RETARDER

Ph Alkaline
Flash Point (°C) N/A

10. STABILITY AND REACTIVITY

Stability

Stable under normal temperature conditions.

Conditions to Avoid

Avoid excessive heat for prolonged periods of time

Hazardous Decomposition Products

Fire creates: Carbon monoxide (CO). Carbon dioxide (CO₂).

11. TOXICOLOGICAL INFORMATION

General Information

This product has low toxicity. Only large volumes may have adverse impact on human health

Inhalation

May cause irritation to the respiratory system.

Ingestion

May cause discomfort if swallowed.

Skin Contact

Slightly irritating.

Eye Contact

Irritating to eyes.

12 . ECOLOGICAL INFORMATION

Eco-toxicity

Not regarded as dangerous for the environment

13. DISPOSAL CONSIDERATIONS

Disposal Methods

Dispose of waste and residues in accordance with local authority requirements.

14 . TRANSPORT INFORMATION

ROAD TRANSPORT NOTES

Not Classified

Issue Date: 22th September 2011



SAFETY DATA SHEET
DALER ♦ ROWNEY
SYSTEM 3 LIQUID RETARDER

RAIL TRANSPORT NOTES	Not Classified.
SEA TRANSPORT NOTES	Not Classified
AIR TRANSPORT NOTES	Not Classified

15. REGULATORY INFORMATION

RISK PHRASES

NC Not classified.

SAFETY PHRASES

NC Not classified.

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.

16. OTHER INFORMATION

Date **September 2011**

RISK PHRASES

NC Not classified.

SAFETY PHRASES

NC Not classified.

DISCLAIMER

Issue Date: 22th September 2011



SAFETY DATA SHEET
DALER ♦ ROWNEY
SYSTEM 3 LIQUID RETARDER

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.