

SAFETY DATA SHEET
DALER ♦ ROWNEY
ALKYD FLOW MEDIUM**1 . IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING**

Product Name ALKYD FLOW MEDIUM
Supplier DALER-ROWNEY LTD, PEACOCK LANE , BRACKNELL, RG12 8SS, ENGLAND.
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Product No. 114 000 022
Application Reduces dry time on oil paints

2 . HAZARDS IDENTIFICATION

Classification (1999/45) Flammable. Repeated exposure may cause skin dryness or cracking. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. N;R51/53. R10, R66, R65

3 . COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No	Cas. No	Content	Classification (67/548)
STODDARD SOLVENT	232-489-3	8052-41-3	35-45%	Xn;R65. N;R51/53. R10,R66.
WHITE SPITIT	265-185-4	64742-82-1	25-30%	Xn;R65. N;R51/53. R10,R66.

The Full Text for all R-Phrases are Displayed in Section 16

4. FIRST-AID MEASURES**General Information**

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

Inhalation

Move the exposed person to fresh air at once. Get medical attention. Provide rest, warmth and fresh air. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen.

Ingestion

DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Get medical attention immediately! Drink plenty of water. Provide rest, warmth and fresh air.

Skin Contact

Remove contaminated clothing. Wash the skin immediately with soap and water. 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 and get medical attention.

5 . FIRE-FIGHTING MEASURES**Extinguishing Media**

Fire can be extinguished using: Dry chemicals, sand, dolomite etc.

Special Fire Fighting Procedures



SAFETY DATA SHEET
DALER ♦ ROWNEY
ALKYD FLOW MEDIUM

Avoid breathing fire vapours. Cool containers exposed to flames with water until well after the fire is out. Keep run-off water out of sewers and water sources. Dike for water control.

6 . ACCIDENTAL RELEASE MEASURES

Spill Cleanup Methods

Wear necessary protective equipment. Absorb in vermiculite, dry sand or earth and place into containers. Do not contaminate water sources or sewer.

7. HANDLING AND STORAGE

Usage Precautions Usage

Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level

Storage Precautions

Store in tightly closed original container in a dry and cool place.

8 . EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	TWA - 8 hours		STEL 15-min		Notes
White Spirit	OES	25ppm	125mg/m3	100ppm	766mg/m3	

OES = Occupational Exposure Standard.

Protective Equipment



Respiratory Equipment

No specific recommendation made, but respiratory protection must be used if the general level exceeds the recommended occupational exposure limit.

Hand Protection

Use protective gloves.

Eye Protection

Wear approved safety goggles.

Hygiene Measures

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly with soap & water if skin 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

Colourless Yellow



SAFETY DATA SHEET

DALER ♦ ROWNEY
ALKYD FLOW MEDIUM

Odour	Characteristic
Solubility	Insoluble in water
Relative Density	0.90
Volatile by Volume	55
Vapour Pressure	2.00 Hg 20
Flash Point (°C)	41 CC (Closed Cup)
Flammability Limit - Lower (%)	0.60
Vapour Pressure	5mmHg
Auto Ignition	>250
Flammability Limit - Upper (%)	8.0

10. STABILITY AND REACTIVITY

Stability

Stable under normal temperature conditions.

Conditions to Avoid

Avoid contact with acids and oxidising substances.

Hazardous Decomposition Products

Fire creates: Toxic gases/vapours/fumes of: Carbon monoxide (CO). Carbon dioxide (CO2).

11. TOXICOLOGICAL INFORMATION

Toxic Dose 1 - LD 50 >5000 mg/kg (oral rat)

Inhalation

Prolonged inhalation of high concentrations may damage respiratory system.

Ingestion

Liquid irritates mucous membranes and may cause abdominal pain if swallowed.

Skin Contact

Acts as a defatting agent on skin. May cause cracking of skin, and eczema. Prolonged or repeated exposure may cause severe irritation. The product contains a small amount of sensitising substance which may provoke an allergic reaction among sensitive individuals after repeated contact.

Eye Contact

May cause severe irritation to eyes.

Target Organs

Skin. Eyes. Respiratory system, lungs.

12 . ECOLOGICAL INFORMATION

Mobility

Partly volatile

13. DISPOSAL CONSIDERATIONS

Disposal Methods

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

SAFETY DATA SHEET
DALER ♦ ROWNEY
ALKYD FLOW MEDIUM**14 . TRANSPORT INFORMATION**

PROPER SHIPPING NAME	PAINT RELATED MATERIAL	ADR CLASS NO.	3
UN NO. ROAD	1263	ADR PACK GROUP	III
ADR CLASS	Class 3. Flammable liquid.	RID CLASS NO.	3
HAZCHEM CODE	3Y	UN NO. SEA	1263
RID PACK GROUP	III	IMDG PACK GR.	III
IMDG CLASS	3	UN NO. AIR	1263
EMS	3-05		
MARINE POLLUTANT			
AIR CLASS	3		
AIR PACK GR.	III		

15. REGULATORY INFORMATION**Labelling**Dangerous
for the Environment

Harmful

Risk Phrases

R10	Flammable.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R66	Repeated exposure may cause skin dryness or cracking.

Safety Phrases

S29/56	Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.
S37	Wear suitable gloves.
S46	If swallowed, seek medical advice immediately and show this container or label.
S51	Use only in well-ventilated areas.
S61	Avoid release to the environment. Refer to special instructions/safety data sheets.
P14	Contains Isobutyl methacrylate . May produce an allergic reaction.



SAFETY DATA SHEET
DALER ♦ ROWNEY
ALKYD FLOW MEDIUM

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: January 2011

Risk Phrases in Full

- R10 Flammable.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R66 Repeated exposure may cause skin dryness or cracking.
R65 Harmful: may cause lung damage if swallowed

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.