

DALER ~ ROWNEY U.S.A.

FINE ART & GRAPHIC MATERIALS

Daler-Rowney USA, 2 Corporate Drive, Cranbury, New Jersey 08512-9584 U.S.A.
Tel: 609 655 5252 Fax: 609 655 5852

01569-1074

Vest
4426**Material Safety Data Sheet**

(REVISION: REVISED SECTIONS 1,2 &3)

1. IDENTIFICATION OF THE PREPARATION AND COMPANY

Product : LOW ODOUR THINNERS.

Intended use: FOR THINNING OIL COLOURS AND OIL COLOUR MEDIUMS.

Manufacturers Name: Daler-Rowney Ltd.

Address: 2 Corporate Drive
Cranbury
New Jersey 08512-9584

Emergency telephone Number: 609 655 5252

Telephone Number for information: 609 655 5252

Date of Issue: 15th January 2007*

2. CHEMICAL COMPOSITION/INFORMATION ON INGREDIENTS

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

Names:	% (wt) Concentration	Symbol	R Phrases
Iso Paraffinic hydrocarbon	100	Xn	53, 65, 66

CAS number: 90622-57-4

EINECS no. : 292-459-0

3. HAZARDS IDENTIFICATION OF PREPARATION**Product Type:** Low Odour Thinners for thinning oil colours and oil colour mediums.**Labelling requirements in conformity with ASTM D - 4236****DANGER: COMBUSTIBLE. HARMFUL OR FATAL IF SWALLOWED. VAPOR HARMFUL.**

Contains: PETROLEUM DISTILLATES

PRECAUTIONS: Avoid ingestion. Do not store or use near heat or flame. Use only with adequate ventilation. **KEEP OUT OF REACH OF CHILDREN.****FIRST AID TREATMENT:** If swallowed, do not induce vomiting. Call a physician or poison control center immediately.

For further health information contact a poison control center or call 609 655 5252.

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:	Using approved respiratory protection, immediately remove the affected victim from exposure. Administer artificial respiration if breathing has stopped. Keep at rest. Call for prompt medical attention.
Eye contact:	Irrigate eyes with copious amounts of clean water until discomfort subsides. If discomfort persists seek medical attention.
Skin contact:	Wash affected area with large amounts of water, use soap if available. Remove contaminated clothing including shoes and launder before reuse.
Ingestion:	DO NOT induce vomiting. Keep at rest. Seek prompt medical attention

5. FIRE FIGHTING METHODS

Extinguishing media: Use foam dry chemical to water extinguishers.

Not to be used:

Recommendations/other information : : Due to danger of boil over, avoid spraying water directly onto storage containers.

6. ACCIDENTAL RELEASE MEASURES

Eliminate sources of ignition Prevent liquid from entering sewers, watercourses or low areas. Contain spilled liquid with sand or earth. Consult an expert on disposal of recovered materials and ensure conformity to local disposal regulations.

7. HANDLING AND STORAGE

Handling: Keep container closed. Handle open containers with care.

Storage: Store in a cool, well ventilated place away from incompatible materials. DO NOT handle or store near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight.

8. EXPOSURE CONTROLS/PERSON PROTECTION

The use of a mechanical dilution ventilator is recommended whenever this product is used in a confined space, is heated above ambient temperatures or otherwise. For open systems where contact is likely, wear safety glasses with side shields and Helical resistant gloves.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance :	Clear liquid.
Odour :	Aliphatic hydrocarbon odour.
pH of aqueous extract:	Not Applicable.
Boiling point:	Range 173 - 193°C
Flash point:	56°C

Flammability :	Not classified as flammable.
Explosive properties :	Explosive limits in air 0.6 –7.0 Chemical %
Specific gravity:	0.75
Solubility water:	0.1% by weight.
Organic solvents:	100% Hydrocarbon Solvent.

10. STABILITY AND REACTIVITY

Conditions to avoid: None known – Stable product.

Materials to avoid: Strong oxidising agents.

Hazardous decomposition products :

11. TOXICOLOGICAL INFORMATION

There are no data on the substance itself.

Threshold limit: Recommended total hydrocarbon based on composition : 300 ppm

Ingestion: Small amount of liquid aspirated into the respiratory system during ingestion or from vomiting, may cause broncho-pneumonia or pulmonary oedema.

Skin: Low order of toxicity. Repeated exposure may result in skin dryness or cracking.

Eyes: Vapour concentrations above recommended exposure levels can cause discomfort to the eyes.

Respiratory: Vapour concentrations above recommended exposure levels are irritating to the Respiratory tract. may cause headaches and dizziness, are anaesthetic and may Cause other central nervous effects.

12. ECOLOGICAL INFORMATION

No information on the biodegradability of this substance is available. This substance can degrade rapidly in the air. No acute toxicity to aquatic organisms is expected at the maximum water solubility of this material.

13. DISPOSAL CONSIDERATIONS

This product is not suitable for disposal by either landfill or via municipal sewer drains, natural streams or rivers. Dispose of in accordance with local 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:	Class	3	Item	31C	Transport document	Label Isoundecanes and Isododecanes
IMG :	Class	3.3	UN Nr	3295	Proper shipping name	Hydrocarbon Liquid N.O.S
ICAO/IATA:	Class	3	UN Nr	3295	Proper shipping name	Hydrocarbon Liquid N.O.S

Packaging Group. III

15. REGULATORY INFORMATION

In accordance with ASTM D – 4236 the product is labelled as follows:

Danger Classification: PLEASE REFER TO SECTION 3.

16. OTHER INFORMATION

The information on this MSDS is based on the present state of our knowledge, 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.