

**DALER ~ ROWNEY U.S.A.**

01569-1174

FINE ART &amp; GRAPHIC MATERIALS

Daler-Rowney USA, 2 Corporate Drive, Cranbury, New Jersey 08512-9584 U.S.A.  
Tel: 609 655 5252 Fax: 609 655 5852**Material Safety Data Sheet****1. IDENTIFICATION OF THE PREPARATION AND COMPANY****Product :** GUM ARABIC SOLUTION.**Intended use:** FOR USE IN WATERCOLOUR PAINTING**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:** 3<sup>rd</sup> November 2000**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
Based on			
2-Mercaptobenzothiazole	0.025%	C	43, 50/53.
and 1,2-benzothiazol-3(2H)-one salts.	0.025%	C	22, 38, 43.

**3. HAZARDS IDENTIFICATION OF PREPARATION****Product Type:** Gum Arabic Solution for use in Watercolour painting.

**Labelling requirements in conformity with ASTM D - 4236**

Classified as HL Non – Toxic.

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**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 as this product is liquid.
- Eye contact:** Irrigate with copious amounts of clean water. If symptoms persist seek medical advice.
- Skin contact:** Wash affected area with soap and water. If symptoms persist seek medical advice.
- Ingestion:** DO NOT induce vomiting. Give patient plenty of water to drink.  
Seek medical advice.

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**5. FIRE FIGHTING METHODS**

- Extinguishing media:** Any extinguisher.
- Not to be used:** Not Applicable.
- Recommendations/other information :**

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**6. ACCIDENTAL RELEASE MEASURES**

Clean up with absorbent material.  
Wash down affected area with detergent and water.

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**7. HANDLING AND STORAGE**

- Handling:** Ensure good standards of hygiene.  
Do not eat, drink or smoke whilst using.  
Wash hands before eating, drinking or smoking
- Storage:** Store at normal room temperature.

**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 : Brown liquid.  
Odour : Neutral.  
pH of aqueous extract: Not Applicable.  
Melting point: Not Applicable.  
Flash point: Not Applicable.  
Flammability : See 5 above.  
Explosive properties : Not Applicable.  
Specific gravity: 1.15  
Solubility water: Soluble.  
Organic solvents: Insoluble.

**10. STABILITY AND REACTIVITY**

Conditions to avoid: None known.  
Materials to avoid: None known.  
Hazardous decomposition products :

**11. TOXICOLOGICAL INFORMATION**

There are no data on the preparation itself.

Threshold limit:

Ingestion: All ingredients, excluding preservative are considered non harmful.  
Skin: Prolonged contact may result in a mild reaction in some cases.  
Eyes: Some temporary discomfort may occur.

Respiratory: Not applicable as this product is liquid.

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**12. ECOLOGICAL INFORMATION**

No information available.

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**13. DISPOSAL CONSIDERATIONS**

Dispose of in accordance with local authority regulations.

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**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.

Packaging Group.

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**15. REGULATORY INFORMATION**

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

Danger Classification: HL Non - Toxic

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**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.