

# MATERIAL SAFETY DATA SHEET

Hazardous according to criteria of Workplace Australia

Date of issue February 2005

## 1. IDENTIFICATION

### General

Product name: Damar Varnish  
Other names: 30% Gum Damar in Gum Turpentine.  
UN No.: 1300  
Dangerous Goods Class: 3  
Subsidiary Risk:  
Hazchem Code: 3(Y)  
Pack Group: 111  
EPG: 3A1  
Poisons Schedule: N/A  
Uses: Varnish type for fine arts.



## 2. Physical Description/ Properties

Appearance: Clear and transparent, slightly viscous liquid with characteristic penetrating odour and taste.  
Formula: Mixture  
Boiling Point: >150 deg C  
Melting Point: N/A deg C  
Vapour pressure: N/A  
Specific Gravity: 0.860 (water=1)  
Flash Point: Closed cup 32  
pH: N/A  
Solubility in water: N/A g/l (25 deg C)  
Flammability limits (as percentage volume in air)  
Lower explosion limit: 2.0%  
Upper explosion limit: 12.0%

### 1.2 Other properties

Autoignition temperature = approx. 253 deg C.

### 1.3 Ingredients

Chemical entity	CAS No.	Proportions
Gum Turpentine	(9005-90-7)	50-70%
Gum Damar	(9000-16-2)	30-50%

## **2. HEALTH HAZARD INFORMATION**

### **2.1 Health effects-Acute**

#### **Swallowed**

Ingestion can cause bladder irritation. Oral LD50=not available

#### **Eye**

No data available

#### **Skin**

No data available Dermal LD50=not available

#### **Inhaled**

Vapours can cause eye irritaion, dizziness and nausea. Inhalation LC50=not available.

### **2.2 Health effects-Chronic**

No data available.

### **2.3 First Aid**

#### **Swallowed**

Contact a doctor or the Poisons Information Centre.

#### **Eye**

Flush eyes with copious amounts of clean water for at least 15 minutes, retract eyelids often.

If irritation occurs seek medical attention.

#### **Skin**

Wash affected areas thoroughly with copious amounts of clean water.

If irritation occurs seek medical attention immediately.

#### **Inhaled**

Remove victim to fresh air. If difficulty in breathing or irritation occurs see medical attention immediately.

### **2.5 Advice to doctor**

Treat symptomatically based on judgement of doctor and individual reactions of the patient.

## **3. PRECAUTIONS FOR USE**

### **3.1 Exposure standards**

Tolerance=100ppm in air

### **3.2 Engineering controls**

Provide general exhaust ventilation to keep exposure levels to a minimum.

### **3.3 Personal protection**

Ensure an eye bath and safety shower are available and ready for use.

Wear protective equipment to minimise exposure.

### **3.4 Flammability**

Material is flammable. Keep away from sources of ignition.

NO SMOKING. Ventilate usage to prevent build up of flammable vapours.

## SAFE HANDLING INFORMATION

### 4.1 Storage/Transport

Store in a cool place away from direct sunlight and other sources of heat. Store in accordance with all Commonwealth, State or Territory regulations relevant to Class 3 substances.

Transport in accordance with the Australian Dangerous Goods Code.

Keep containers tightly sealed.

### 4.2 Packaging/Labelling

UN No.	1300
Class	3
Sub Risk	
Hazchem Code	3(Y)
Pack Group	111
EPG Group	3A1
Shipping name	DAMAR VARNISH

### 4.1 Spills and Disposals

#### Spills

Eliminate all flammables (NO SMOKING)

#### Disposal

Dispose in accordance with all Local, State and Federal regulations by incineration at an approved waste disposal site.

## 4.4 FIRE AND EXPLOSION HAZARD

### Fire/Explosion

May cause combustible materials to burn or explode. May burn if heated or ignited. Vapour may form an explosive mix in air. Evolves irritating and toxic gases on decomposition.

### Extinguishing Media

Use dry chemical or polymer foam type extinguishers  
Use media appropriate to surrounding fire conditions.

### 5.1 Contact points

Organisation	Location	Telephone	Ask for
Langridge Artist Colours	Yarraville, Victoria	(03) 9689 0577	Mr. D. Coles