

MATERIAL SAFETY DATA SHEET

Hazardous according to criteria of Workplace Australia

Date of issue February 2005

1. IDENTIFICATION

General

Product name: Transparent Shellac Varnish
Other names: Shellac Varnish
UN No.: 1170
Dangerous Goods Class: 3
Subsidiary Risk:
Hazchem Code: 2(SE)
Pack Group: 111
EPG: 3A1
Poisons Schedule: N/A
Uses: Methylated Spirits based Varnish



2. Physical Description/ Properties

Appearance: Pale orange 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
Dewaxed Shellac Flakes		30%
Methylated Spirits(ethyl alcohol)		70%

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 irritation, 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.	1170
Class	3
Sub Risk	
Hazchem Code	2(SE)
Pack Group	111
EPG Group	3A1
Shipping name	Shellac 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