

MATERIAL SAFETY DATA SHEET

Not Classified as Hazardous according to criteria of Workplace Australia

Date of issue February 2005

1. IDENTIFICATION

- 1.1 Product name: Colophony
1.2 Correct Shipping Name: Rosin-Colophony
1.3 UN No.: None allocated
1.4 Dangerous Goods Class: None allocated
1.5 Subsidiary Risk: None allocated
1.6 Hazchem Code: None allocated
1.7 Pack Group: Not applicable
1.8 Poisons Schedule: Not applicable
1.9 Uses: Printmaking as Aquatint.

2. Physical Description/ Properties

- 2.1 Appearance: Pale yellow to amber fragments or powder.
2.2 Odour: Slight turpentine odour and taste.
2.3 Boiling Point: Not applicable.
2.4 Melting Point: 100-150 deg.C
2.5 Vapour pressure: Not applicable.
2.6 Specific Gravity: 1.06-1.09
2.7 Flash Point: 188 deg. C
2.8 Solubility in water: Immiscible
2.9 Flammability limits: Non flammable

3.0 Other properties

- 3.1 pH(At 10gm/250ml H₂O): Not available

4.0 Ingredients

Chemical entity	CAS No.	Proportions
neutral matter		10%
resin acids		90%

5. HEALTH HAZARD INFORMATION

5.1 Health effects-Acute

Swallowed

Considered harmful only in large quantities.

Eye

Contact with eyes may cause irritation.

Skin

Mildly discomforting. May be capable of causing allergic reactions.

Inhaled

If crushing to finer particle size.

Inhalation may irritate the respiratory tract. Inhalation LC50=not available.

Health effects-Chronic

Principal routes of exposure are usually by skin contact, inhalation of generated dust and inhalation of fumes from the heated material. Rosin has caused contact allergic dermatitis in solderers using resin flux-solders.

First Aid

Swallowed

Give plenty of water to drink. Do NOT induce vomiting. Seek medical attention promptly.

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 soap and 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.

Advice to doctor

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

6.0 PRECAUTIONS FOR USE

6.1 Exposure standards

No exposure standard allocated.

3.2 Engineering controls

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

3.3 Personal protection

Antidust mask, goggles and gloves are recommended when handling this product.

Avoid inhalation and provide adequate ventilation.

3.4 Flammability

Avoid generating dust, particularly clouds of dust in a confined or unventilated space, as dust may form an explosive mixture with air and any source of ignition.

7.0 SAFE HANDLING INFORMATION

7.1 Storage/Transport

A moderately dry, well ventilated area is considered adequate for handling and storage. Avoid direct heat source.

This product is non-toxic and does not require special notices for transport handling. Keep containers tightly sealed. Store below 38 deg. C. Avoid storage with oxidisers.

7.2 Spills and Disposals

Spills

Remove without raising dust.

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

Extinguishing Media

Extinguishing material = Water spray and foam.

Larger fires with water spray or alcohol resistant foam.

Use media appropriate to surrounding fire conditions.

Note: Burns with intense heat. Produces melting, flowing, burning liquid and dense acrid black smoke. Decomposes on heating and produces acrid and toxic fumes of acrolein.

5.1 Contact points

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