

MATERIAL SAFETY DATA SHEET

Hazardous according to criteria of Workplace Australia

Information contained within this document is as provided to Langridge Artist Colours by our supplier of Cobalt Driers.

Date of issue October 2005

1. IDENTIFICATION

General

Product name: Cobalt Driers
Other names:
UN No.: 1993
Dangerous Goods Class: 3.2
Subsidiary Risk:
Hazchem Code: 3(Y)
Pack Group: 111
EPG: 3A1
Poisons Schedule: N/A
Uses: Drier for oil paints.

2. Physical Description/ Properties

Appearance: Dark blue liquid with characteristic odour and taste.
Formula: Mixture
Boiling Point: 150-280 deg C
Melting Point: N/A deg C
Vapour pressure: N/A
Specific Gravity: 0.860 (water=1)
Flash Point: Below 61 deg C.
pH: N/A
Solubility in water: N/A g/l (25 deg C)
Flammability limits (as percentage volume in air)
Lower explosion limit: 0.6%
Upper explosion limit: 7.0%

1.2 Other properties

Autoignition temperature = approx. 253 deg C.

1.3 Ingredients

Chemical entity	CAS No.	Proportions
Petrolleum Distillate		25-100%
Cobalt Octoate		to 75%

2. HEALTH HAZARD INFORMATION

2.1 Health effects-Acute

Swallowed

No data available

Eye

No data available

Skin

No data 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

If swallowed induce vomiting, use Ipecac Syrup (APF) if available. 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. Use chemical resistant gloves.

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. 1993

Class 3.2

Sub Risk

Hazchem Code 3(Y)

Pack Group 111

EPG Group 3A1

Shipping name Flammable Liquid N.O.S. (Cobalt Driers)

4.1 Spills and Disposals

Spills

Eliminate all flammables (NO SMOKING). Contain and absorb diatomaceous earth.

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. Vapour density is heavier than air.

5.1 Contact points

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