



# Australian Specialty Inks Pty Ltd

ABN 71 002 591 620

17 Reaghs Farm Rd, Minto NSW 2566

Telephone: (02) 9603-3399 Fax: (02) 9603-7761

Website: [www.austspecialtyinks.com.au](http://www.austspecialtyinks.com.au)

VULCAN RETARDER FVP182

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## MATERIAL SAFETY DATA SHEET

Classified as hazardous according to criteria of Worksafe Australia.

Date of issue: March 2014

### COMPANY DETAILS

AUSTRALIAN SPECIALTY INKS PTY LTD

A.B.N. 71 002 591 620

17 REAGHS FARM ROAD MINTO NSW

2566 (02) 9603-3399

A/H (02) 979-27790 or mobile 0414 616247

### IDENTIFICATION

Product Name: VULCAN RETARDER FVP182

U.N. Number: 1993

Trade Name:

Other Names: FLAMMABLE LIQUID, N.O.S.

Dangerous Goods Class/and Subsidiary Risk: 3

Hazchem Code: 3[Y]

Manufacturers Code: FVP182

Poisons Schedule:

Pack Group: III

Use: Product is for use as a solvent

<b>Flammability</b>	<b>1</b>
<b>Toxicity</b>	<b>1</b>
<b>Body Contact</b>	<b>1</b>
<b>Reactivity</b>	<b>2</b>
<b>Chronic</b>	<b>1</b>
<b>Scale:</b>	
<b>0 = Minimum to Nil</b>	
<b>1 = Low</b>	
<b>2 = Moderate</b>	
<b>3 = High</b>	
<b>4 = Extreme</b>	

### Physical Description/Properties:

Appearance: Colourless mobile liquid, pungent odour

Density: 0.951 @ 20°C

Boiling Point/Range: 170°C @ 100kPa

Vapour Pressure: .70mm Hg @ 20°C

Percent Volatiles: 100%

Flash Point: 59°C (ASTM D-56) Tag Closed Cup

Flammability Limits (%) : LEL: Not available UEL: Not available

Solubility in water: 1.6% @ 20°C

### Ingredients

Chemical entity	CAS No.	Proportion
Ethyl 3-ethoxypropionate	763-69-9	100%



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## HEALTH HAZARD INFORMATION

### HEALTH EFFECTS

Swallowed: Slightly toxic. May cause abdominal discomfort, nausea, vomiting, diarrhea and drowsiness.

Eye: Irritant. There may be slight excess redness, swelling of the conjunctiva, injury to the cornea is not expected to occur.

Skin: Contact for a few hours may be without effect. Sustained contact of many hours may result in local redness, swelling, possibly tissue destruction and bleeding into the inflamed area.

Inhaled: High vapour concentrations generated at ambient temperature may cause slight chest discomfort with cough, drowsiness, dizziness, incoordination, nausea, vomiting, headache and possibly blurred vision.

### FIRST AID

Swallowed: If patient is fully conscious give two glasses of water and induce vomiting. Call a physician.

Eye: Irrigate with copious quantities of water. Remove contact lenses if worn. Seek medical attention immediately.

Skin: If skin contact occurs, remove and launder contaminated clothing and wash skin thoroughly.

Inhaled: If symptoms should develop move to fresh air, keep warm and at rest. Seek medical attention. Remove from contaminated area.

Advice to Doctor: Slight acute peroral and moderate acute percutaneous toxicity. No known antidote. Treatment should be directed at the control of symptoms and the clinical condition of the patient.

## PRECAUTIONS FOR USE

Exposure Limits: Not Established.

Ventilation: Avoid breathing vapour. Local exhaust ventilation usually required. Ensure ventilation is adequate to maintain air concentrations below exposure standards.

Personal Protection: Avoid eye and skin contact. Wear chemical goggles. Wear chemical resistant gloves. Wear protective clothing as necessary to avoid skin contact. Wear supplied air breathing apparatus in confined areas. Avoid prolonged or repeated skin contact and observe good personal hygiene.

Flammability: Avoid heat and sources of ignition. Prevent build-up of flammable vapours. Hoses should be electrically continuous and containers bonded to avoid static charge build-up.



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### SAFE HANDLING INFORMATION

**Storage and Transport:** Avoid contact with strong oxidizing agents. Store in cool well ventilated area away from heat and ignition sources. Containers should always be kept closed in storage and properly labelled. Suitable storage materials include mild steel, stainless steel and aluminium. Do not store in low or enclosed areas where vapours may become trapped. Store only in original or approved containers.

**Spills and Disposal:** Keep public away. Extinguish all ignition sources. For major spills, dam and recover. Prevent entry into drainage systems, rivers etc. Collect with absorbent material such as sand, earth or saw dust. Warn occupants downwind. Advise authorities. Ensure waste disposal conforms with local waste disposal regulations. After recovery and evaporation remaining soil may be disposed of to approved landfill, or if approved, allowed to degrade insitu.

**Fire/Explosion Hazard:** Combustible. Combustion products include oxides of carbon. Use water sprays to cool fire exposed surfaces and any adjacent storage vessels. Shut off source of product if safe to do so. Remove sources of re-ignition. Vapour/air mixtures may ignite explosively. Flashback along vapour trail may occur. Use foam, CO<sub>2</sub>, powder or BCF fire extinguishers.

**Risk Phrases:** R10 Flammable

**Safety Phrases:** S16, S25, S39. Keep away from sources of ignition – No Smoking. Avoid contact with eyes. Wear eye/face protection.

**Other Information:** Not applicable.

Contact Point: Technical Director (02) 9603-3399

Date: March 2014