



Trimfix Supplies: Unit 5/200 Hamilton Road New Gisborne VIC.  
M.S.D.S INFORMATION – Telephone: 03 5428 3988

Postal: PO Box 98 Gisborne VIC 3437  
Facsimile: 03 5428 4988

**MATERIAL SAFETY DATA SHEET**

**PRODUCT:** POLY-PRIME **ISSUED:** 01/06/2016  
**PAGE:** 1 of 8

**SECTION 1: IDENTIFICATION of the SUBSTANCE(S) and COMPOSITION**

**Product Name:** POLY-PRIME **Code:** PP200, PP500, PP01, PP25  
**Product Use:** CATALYST • ETCH PRIMER  
**Supplier:** Trimfix Supplies (A.B.N 90 053 151 397)  
**Address:** Unit 5/200 Hamilton Road, New Gisborne, VIC, 3438  
**Phone:** 03 5428 3988 **Facsimile:** 03 5428 4988  
**Emergency Telephone Number:**  
**Poisons Information Centre 131 126 (24 hours a day)**

**SECTION 2: HAZARD IDENTIFICATION**

**CLASSIFIED AS HAZARDOUS ACCORDING TO NOHSC CRITERIA**

**Risk Phrases:** **R11** Highly flammable.  
**R20** Harmful by inhalation.

**Safety Phrases:** **S16** Keep away from sources of ignition - No smoking.  
**S25** Avoid contact with eyes.  
**S29** Do not empty into drains.  
**S33** Take precautionary measures against static discharges.  
**S38** In case of insufficient ventilation, wear suitable respiratory equipment.



**CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE**

UN No.	DG Class	Subsidiary Risk(s)	Pkg Group	Hazchem Code	EPG
1263	3	None Allocated	II	3[Y]E	3C1

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

Ingredient	Formula	CAS No.	Content
TOLUENE	C7-H8	108-88-3	30-60%
XYLENE	C8-H10	1330-20-7	30-60%
2-BUTYL ACETATE	C6-H12-O2	105-46-4	10-30%
RESINS	Not Available	Not Available	1-9%



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### SECTION 4: FIRST AID MEASURES

- Inhalation:** If over exposure occurs, leave area of exposure immediately. If other than minor symptoms occur, seek urgent medical attention. If assisting a victim avoid becoming a casualty, wear a Full-face Type A (Organic vapour) respirator or Air-line respirator.
- Ingestion:** DO NOT induce vomiting. Immediately wash out mouth with water, and then give water to drink. Seek medical attention.
- Eyes:** Hold eyelids apart and flush continuously with water. Continue until advised to stop by the Poisons Information Centre, a doctor, or for at least 15 minutes. Keep patient calm.
- Skin:** Remove contaminated clothing and gently flush affected areas with water. Seek medical attention if irritation develops. Launder clothing before reuse.
- Advice to Doctor:** Advice to Doctor Treat symptomatically

### SECTION 5: FIRE FIGHTING MEASURES

#### Flammability

Highly flammable. Vapours may form explosive mixtures with air. May evolve toxic gases (carbon oxides, hydrocarbons) when heated to decomposition. Eliminate all ignition sources including cigarettes, open flames, spark producing switches/tools, heaters, naked lights, pilot lights, mobile phones etc. when handling. Earth containers when dispensing fluids.

#### Fire and Explosion

Highly flammable - explosive vapour. Evacuate area and contact emergency services. Toxic gases may be evolved when heated. Remain upwind and notify those downwind of hazard. Wear full protective equipment (see spill above) including Self Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers and nearby storage areas.

#### Extinguishing

Dry agent, carbon dioxide or foam. Prevent contamination of drains or waterways. Absorb runoff with sand or similar.

#### Hazchem Code

3[Y]E



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### SECTION 6: ACCIDENTAL RELEASE MEASURES



**Spills / Clean Up:**

If spilt (bulk), contact emergency services. Wear splash-proof goggles, PVA/viton gloves, a Type A (Organic vapour) respirator or Air-line respirator, coveralls and rubber boots. Ventilate and clear area of all unprotected personnel. Eliminate heat and ignition sources, absorb spill with sand or similar and place in sealable containers for disposal. Prevent spill entering drains or waterways.

### SECTION 7: HANDLING and STORAGE

**Precautions for Safe Handling:**

Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

**Conditions for Safe Storage:**

Store in cool, dry, well ventilated area, preferably flammables store, removed from direct sunlight, heat and ignition sources, oxidising agents (eg. peroxides), acids (eg. nitric acid) and foodstuffs. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use. Large storage areas should have appropriate fire protection and ventilation systems.

### SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

**National Exposure Standards**

<u>Ingredient</u>	<u>Reference</u>	<u>TWA</u>		<u>STEL</u>	
		ppm	mg/m3	ppm	mg/m3
Toluene	NOHSC (AUS)	50	191	150	574
Xylene	NOHSC (AUS)	80		150	

**Biological Limit Values:**

<u>Ingredient</u>	<u>Reference</u>	<u>Determinant</u>	<u>Sampling Time</u>	<u>BEI</u>
TOLUENE	ACGIH BEI	o-Cresol in urine	End of shift	0.5 mg/L
	ACGIH BEI	Hippuric acid in urine	End of shift	1.6 g/g creatinine
	ACGIH BEI	Toluene in blood	Prior to last shift	
			Of workweek	0.05 mg/L

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### SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION cont.

Ingredient	Reference	Determinant	Sampling Time	BEI
XYLENE	ACGIH BEI	Methylhippuric acids in urine	End of shift	1.5 g/g creatinine

**Engineering controls:** Do not inhale vapours. Use in well ventilated areas. In poorly ventilated areas, mechanical explosion proof extraction ventilation is recommended. Flammable/explosive vapours may accumulate in poorly ventilated areas. Vapours are heavier than air and may travel some distance to an ignition source and flash back. Maintain vapour levels below the recommended exposure standard.

#### Personal Protective Equipment (PPE):



Wear splash-proof goggles, viton (R) or PVA gloves and coveralls. Where an inhalation risk exists, wear a Type A (Organic vapour) Respirator. If sanding dry product, wear a Class P1 (Particulate) Respirator. If spraying, with prolonged use, or if in confined areas, wear impervious coveralls and an Air-line respirator.

### SECTION 9: PHYSICAL – CHEMICAL PROPERTIES

<b>Appearance</b>	CLEAR LIQUID	<b>Solubility (water)</b>	INSOLUBLE
<b>Odour</b>	SLIGHT ODOUR	<b>Specific Gravity</b>	0.9
<b>pH</b>	NOT AVAILABLE	<b>% Volatiles</b>	NOT AVAILABLE
<b>Vapour Pressure</b>	NOT AVAILABLE	<b>Flammability</b>	HIGHLY FLAMMABLE
<b>Vapour Density</b>	> 1 (Air = 1)	<b>Flash Point</b>	4°C (Toluene)
<b>Boiling Point</b>	NOT AVAILABLE	<b>Upper Explosion Limit</b>	NOT AVAILABLE
<b>Melting Point</b>	NOT AVAILABLE	<b>Lower Explosion Limit</b>	NOT AVAILABLE
<b>Evaporation Rate</b>	NOT AVAILABLE	<b>Autoignition Temperature</b>	NOT AVAILABLE

### SECTION 10: STABILITY and REACTIVITY

#### Material to Avoid

Incompatible with oxidising agents (eg. hypochlorites, peroxides), acids (eg. sulphuric acid), heat and ignition sources.

**Decomposition** May evolve toxic gases (carbon oxides, hydrocarbons) when heated to decomposition.



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### SECTION 11: TOXICOLOGICAL INFORMATION

#### Health Hazard Summary

Toxic - irritant. This product has the potential to cause acute and chronic adverse health effects with over exposure. Avoid eye or skin contact and vapour/mist inhalation. Chronic exposure may result in liver, kidney and CNS damage.

#### Eye Irritant.

Contact may result in lacrimation, irritation, pain, redness and conjunctivitis. Prolonged contact - corneal burns and possible permanent damage.

#### Inhalation

Irritant - toxic. Over exposure may result in irritation of the nose and throat, headache, fatigue, loss of appetite, nausea and vomiting. At high levels; dizziness, breathing difficulties, pulmonary oedema and unconsciousness. Chronic exposure may cause liver, kidney and CNS damage.

#### Skin

Irritant. Prolonged contact may result in drying and defatting of the skin, rash and dermatitis. Toxic effects may result from skin absorption.

#### Ingestion

Toxic. Ingestion may result in nausea, vomiting, abdominal pain, dizziness, fatigue and diarrhoea. Large doses may cause kidney and liver damage, unconsciousness and convulsions. Aspiration into lungs may cause chemical pneumonitis and pulmonary oedema.

#### Toxicity Data

##### TOLUENE (108-88-3)

LC50 (Inhalation): 400 ppm/24 hours (mouse)  
LD50 (Ingestion): 636 mg/kg (rat)  
LD50 (Skin) : 14100 uL/kg (rabbit)

##### XYLENE (1330-20-7)

Carcinogenicity: Unclassifiable carcinogenicity in humans (IARC Group 3)  
LD50 (Ingestion): 4300 mg/kg (rat)  
LD50 (Skin): > 1700 mg/kg (rabbit)



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### SECTION 12: ECOLOGICAL INFORMATION

**Environment:** If aromatic hydrocarbons are released to soil, they will evaporate from near-surface soil & leach to groundwater. Biodegradation occurs in soil & groundwater but may be slow, especially at high concentrations, which can be toxic to microorganisms. Will exist largely as vapour in air. Half life in atmosphere depends on particular hydrocarbon (eg 1-2 days (xylene); 3 hrs-1 day (toluene)).

### SECTION 13: DISPOSAL CONSIDERATIONS

**Waste Disposal** Wearing the protective equipment outlined, ensure all ignition sources are extinguished. For small quantities, absorb on paper, sand or similar and evaporate under a fume cupboard or open area. For large volumes, atomise into incinerator (mixing with more flammable solvent if required) or recycle by gravimetric separation, distilling & reusing. Contact the manufacturer for additional information if required.

**Legislation** Dispose of in accordance with relevant local legislation.

### SECTION 14: TRANSPORT INFORMATION

#### CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE

**Shipping Name:** PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning or reducing compound)  
**UN No.** 1263    **DG Class:** 3    **Subsidiary Risk(s):** None Allocated  
**Pkg Group:** II    **Hazchem Code:** 3[Y]E    **EPG:** 3C1

**IATA**  
**Shipping Name** PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning or reducing compound)  
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**Pkg Group:** II

**IMDG**  
**Shipping Name** PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning or reducing compound)  
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**Pkg Group** II



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### SECTION 15: REGULATORY INFORMATION

**Poison Schedule** Classified as a Schedule 6 (S6) Poison using the criteria in the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP).

**AICS** All chemicals listed on the Australian Inventory of Chemical Substances (AICS).

### SECTION 16: OTHER INFORMATION

#### Additional WORK PRACTICES - SOLVENTS:

Organic solvents may present both a health and flammability hazard. It is Information recommended that engineering controls should be adopted to reduce exposure where practicable (for example, if using indoors, ensure explosion proof extraction ventilation is available). Flammable or combustible liquids with explosive limits have the potential for ignition from static discharge. Refer to AS 1020 (The control of undesirable static electricity) and AS 1940 (The storage and handling of flammable and combustible liquids) for control procedures.

**RESPIRATORS:** In general the use of respirators should be limited and engineering controls employed to avoid exposure. If respiratory equipment must be worn ensure correct respirator selection and training is undertaken. Remember that some respirators may be extremely uncomfortable when used for long periods. The use of air powered or air supplied respirators should be considered where prolonged or repeated use is necessary.

#### ABBREVIATIONS:

mg/m<sup>3</sup> - Milligrams per cubic metre

ppm - Parts Per Million

TWA/ES - Time Weighted Average or Exposure Standard.

CNS - Central Nervous System

NOS - Not Otherwise Specified

pH - relates to hydrogen ion concentration - this value will relate to a scale of 0 - 14, where 0 is highly acidic and 14 is highly alkaline.

CAS# - Chemical Abstract Service number - used to uniquely identify chemical compounds.

M - moles per litre, a unit of concentration.

IARC - International Agency for Research on Cancer.

#### PERSONAL PROTECTIVE EQUIPMENT GUIDELINES:

The recommendation for protective equipment contained within this material safety data sheet is provided as a guide only. Factors such as method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made.





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### SECTION 16: OTHER INFORMATION cont.

#### HEALTH EFFECTS FROM EXPOSURE:

It should be noted that the effects from exposure to this product will depend on several factors including: frequency and duration of use; quantity used; effectiveness of control measures; protective equipment used and method of application. Given that it is impractical to prepare a material safety data sheet which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

**Date Prepared:** 01/06/2016

**Emergency Contact:** Poisons Information Centre 13 11 26  
Trimfix Supplies (03) 54283988

#### Disclaimer

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