

**SECTION 1 - IDENTIFICATION OF THE MATERIAL AND SUPPLIER**

1.1 Product Name AMERCOAT 590 LEADED  
 1.2 Manufacturer's Product Code 0590A 44000L  
 1.3 Uses Industrial Paint  
 (Roller, Brushing)  
 1.4 Company PPG INDUSTRIES NEW ZEALAND LTD  
 Address 5 MONAHAN ROAD, MT WELLINGTON,  
 AUCKLAND  
 www.ppgnz.co.nz  
 Telephone Number 09 573 1620, 0800 659378  
 021 246 0188 (24 Hours)  
 Emergency Telephone POISONS CENTRE: 0800 764766, 03 474 7000 (24 hrs)

**SECTION 2 - HAZARDS IDENTIFICATION**

2.1 Statement of Hazardous Nature Classified as hazardous according to criteria in the HS (Minimum Degrees of Hazard) Regulations 2001.  
 2.2 HSNO Classification 3.1C,6.1E (ORAL),6.3B,6.4A,6.5B,6.6A,6.7B,6.8A,6.9B,9.1B  
 2.3 Signal Word DANGER  
 2.4 Hazard Statements Flammable liquid and vapour. May be harmful if swallowed. Causes mild skin irritation. Causes eye irritation. May cause an allergic skin reaction. May cause genetic defects. Suspected of causing cancer. May damage fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure. Toxic to aquatic life with long lasting effects.  
 2.5 Precautionary Statements Read label before use. Keep away from heat/sparks/open flame/hot surfaces. No smoking. Keep container tightly closed. Ground/Bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wear protective gloves/protective clothing/eye protection/face protection. Keep out of reach of children. Wash thoroughly after handling. Avoid breathing mist/vapours spray. Contaminated work clothing should not be allowed out of the workplace. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Do not breathe mist/vapours/spray. Avoid release to the environment.

**SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS****3.1 Ingredients**

Chemical Entity	CAS No.	Weight%	HSNO Classification of Ingredients
LEAD CHROMATE PIGMENT	1344-37-2	10-30%	6.6A,6.7B,6.8A,6.9B,9.1A
N BUTYL ACETATE	123-86-4	10-30%	3.1C,6.1D (INHL),6.1E (ORAL),6.3B,6.4A,9.1D
METHOXY PROPYL ACETATE	108-65-6	1-10%	3.1C,6.4A
XYLENE	1330-20-7	1-10%	3.1C,6.1D (DERM),6.1D (ORAL),6.1E (INHL),6.3A 6.4A,6.8B,6.9B,9.1D,9.3C
AROMATIC HYDROCARBON MIXTURE	64742-95-6	<1%	3.1C,6.3B,9.1B
H A L S		<1%	6.5B,9.1A

Ingredients determined to be non-hazardous, or below the hazardous threshold: to 100%

**SECTION 4 - FIRST AID MEASURES****4.1 First Aid****Swallowed**

Rinse mouth.  
Do NOT induce vomiting.  
Immediately call a POISON CENTRE or doctor/physician.

**Eye Contact**

Rinse cautiously with water for several minutes.  
Remove contact lenses, if present and easy to do so. Continue rinsing.  
If eye irritation persists, get medical advice/attention.

**Skin Contact**

Remove/Take off immediately all contaminated clothing.  
Wash with plenty of soap and water.  
Call a POISON CENTRE or doctor/physician if you feel unwell.

**Inhaled**

Remove to fresh air and keep at rest in a position comfortable for breathing.  
Call a POISON CENTRE or doctor/physician if you feel unwell.

**4.2 Advice to Doctor**

Have product container or label at hand. The National Poisons Centre (Tel: 0800 POISON; 03-474-7000) are able to offer advice. Treat symptomatically.

**SECTION 5 - FIRE FIGHTING MEASURES****5.1 Fire/Explosion Hazard**

Flammable Liquid. Vapours form explosive mixture with air (see limits in section 9).  
Extinguishing Media: Foam, Dry Powder, CO<sub>2</sub>, Water Fog. Do not use water except as a fog to cool nearby containers. Wear breathing apparatus when fighting fire. Decomposition Products: Oxides of Carbon, and possibly other noxious products.

**5.2 Hazchem Code**

3Y

**SECTION 6 - ACCIDENTAL RELEASE MEASURES****6.1 Spills**

MINOR - Extinguish naked flames, and avoid sparks. Absorb with sand, sawdust or earth. Collect in drums, and cover with water for 24 hours, before arranging for disposal by a competent contractor in accordance with local and national regulations. MAJOR - Extinguish naked flames and avoid sparks. Wear appropriate protective clothing and equipment. Evacuate surrounding personnel. Dike area of spill, and transfer to empty drums. Residue to be absorbed with sand, sawdust or earth, and placed in drums. Cover with water for 24 hours before arranging for disposal by a competent contractor, in accordance with local and national regulations.

**SECTION 7 - HANDLING AND STORAGE****7.1**

Avoid sources of heat, naked flames and sparks. Use in well ventilated area. Use flame proof equipment. Earth all containers to reduce the possibility of sparks from static electricity. Store in a cool, well ventilated place away from heat, naked flames and sparks. Store away from oxidising agents, alkaline materials and strong acids. Keep container closed at all times. Keep away from food, drink and clothing.

**SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION**

8.1 Exposure Standards	Chemical Entity	CAS No.	Weight%	WES/TWA	WES/STEL
	LEAD CHROMATE PIGMENT	1344-37-2	10-30%	0.012mg/m <sup>3</sup>	0.05mg/m <sup>3</sup>
	N BUTYL ACETATE	123-86-4	10-30%	150ppm	200ppm
	METHOXY PROPYL ACETATE	108-65-6	1-10%	100ppm	
	XYLENE	1330-20-7	1-10%	50ppm	
	AROMATIC HYDROCARBON MIXTURE	64742-95-6	< 1%	19 ppm	
	H A L S		< 1%	1mg/m <sup>3</sup>	

**8.2 Engineering Controls** General mechanical ventilation or local exhaust should be suitable to keep vapour concentrations below WES/TWA. Ventilation equipment should be explosion proof.

**8.3 Personal Protection** When mixed with hardener this material will contain free organic isocyanate. All mixing and handling of hardener and paint containing hardener must be carried out under working conditions that prevent skin contact or inhalation of vapours. Wear chemical safety glasses/goggles or faceshield. If spraying, an air-supplied hood or respirator must be used (complying with Australian Standard 1716 - Respiratory Protective Devices, or equivalent). The spray booth area should be isolated from other people while spraying is in progress, and until all spray mist has been effectively dispersed. If applying by brush or roller, a half face respirator with organic vapour cartridge may be used instead of air-supplied hood/respirator. Wear PVC or Nitrile chemical handling gloves.

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES****9.1 Physical Description/Properties**

Appearance	Coloured Liquid, Solvent Odour.
Boiling Point	118 deg C
Specific Gravity	1.23
Flash Point c.c.	24 deg C
Flammability Limits	1 - 13.1 % by volume in air
Volatile Content	29.4 % by weight
Solubility in Water	Not Soluble

**SECTION 10 - STABILITY AND REACTIVITY**

10.1 Normally stable.

**SECTION 11 - TOXICOLOGICAL INFORMATION****11.1 Health Effects**

**Swallowed** Slightly toxic. Main hazard of ingestion is aspiration of swallowed liquid into lungs, causing chemical pneumonitis.

**Eye Contact** Irritating, causing redness and burning sensation.

**Skin Contact** Irritating, causing redness and burning sensation.

**Inhaled** Harmful by inhalation. The vapour is irritating to the upper respiratory tract. May cause nausea, dizziness and narcosis. Extreme exposure may result in unconsciousness, and possibly death. When catalysed with isocyanate hardener this product may cause lung irritation and asthma-like respiratory reaction.

**Chronic or Other** Prolonged and repeated contact with the skin may irritate, and cause dermatitis. Prolonged overexposure to the solvents (inhalation and skin contact) may cause effects to the central nervous system, liver, urinary, bloodforming, cardiovascular and reproductive systems. When catalysed, this product will contain isocyanate. Overexposure to isocyanate, especially during spraying operations without the necessary precautions,

entails the risk of concentration dependent irritating effect on eyes, nose, throat and respiratory tract. Delayed appearance of the complaints and development of hyper sensitivity (difficult breathing, coughing, asthma) are possible. Hyper sensitive persons may suffer from these effects even at low isocyanate concentrations, including concentrations below TLV. Chronic exposure to Lead may result in damage to bloodforming, urinary, nervous and reproductive systems (incl. embryonic effects). Symptoms include abdominal pain, constipation, loss of appetite, metallic taste, nausea, insomnia, nervous irritability, weakness, muscle & joint pains, headache and dizziness.

### 11.2 Toxicity of Ingredients

Chemical Entity	Weight%	LD50 Oral Rat mg/Kg	LD50 Dermal Rat or rabbit mg/Kg	LC50 Inhalation Rat mg/L/4hr
LEAD CHROMATE PIGMENT	10-30%	> 5000		
N BUTYL ACETATE	10-30%	6500	> 2000	
METHOXY PROPYL ACETATE	1-10%	> 5155	> 2000	> 37500
XYLENE	1-10%	> 2000	> 2000	> 5
AROMATIC HYDROCARBON MIXTURE	< 1%	> 2000	> 2000	
H A L S	< 1%	> 2000		

## SECTION 12 - ECOLOGICAL INFORMATION

**12.1 HSNO Hazard Statements** Toxic to aquatic life with long lasting effects.

## SECTION 13 - DISPOSAL CONSIDERATIONS

### 13.1 General Disposal

Do not let this product enter the environment. Dispose of this material and its container as hazardous waste. Do not pour unwanted paint or paint-related material down the drain. Keep unwanted material in sealed containers for disposal via special chemical waste collections. Empty paint containers should be left open in a well ventilated area to dry out. When dry, recycle steel containers via steel can recycling programs. Disposal of empty paint containers via domestic recycling programs may differ between local authorities. Check with your local council first.

### 13.2 Treatment

Suitable treatment, in accordance with HS (Disposal) Regulations 2001, includes: Controlled burning. Export from New Zealand. Disposal via a licensed hazardous waste facility, in accordance with local regulations.

### 13.3 Disposal Methods Not To Be Used

Treatment does NOT include depositing to sewers or waterways.

## SECTION 14 - TRANSPORT INFORMATION

### 14.1 Land

For local transportation within New Zealand refer to Land Transport Rule - DG 2005; for Australia refer to ADG code.

U.N. Number:	UN1263	Shipping Name:	Paint
D.G. Class:	3b	Subsidiary Risk:	
Packing Group:	III	Hazchem Code:	3Y

**SECTION 15 - REGULATORY INFORMATION**

**15.1 HSNO Approval Number** HSR002669 - Flammable, Toxic[6.7]

**15.2 HSNO Controls**

**15.2.1 Emergency Management Regulations** Level 1:  
Labelling required when 1L is present in a workplace.  
Level 2:  
MSDS required when any amount is present in a workplace.  
At least 2 x 4.5Kg powder fire extinguishers required when 500L is present in a workplace.  
Level 3:  
Emergency Response Plans and Secondary Containment required when 1000L is stored.  
Flammable Signage required when 1000L is stored.  
Ecotoxic Signage required when 1000L is stored.

**15.2.2 Classes 1 to 5 Controls Regulations** Hazardous Atmosphere Zones required for quantities greater than:  
100L (closed), 25L (decanting), 5L (open occasionally), 1L (open continuously).  
Hazardous Substances Location Certificate required for quantities greater than:  
1500L (containers up to 5L), 500L (containers >5L), 250L (open containers).

**15.2.3 Approved Handler** No

**15.3 HMIS Code** 230H

**SECTION 16 - OTHER INFORMATION**

**16.1 Directions for Use** Refer to the Technical Data Sheet for this product for directions for use. Products containing Lead must not be used on a roof or for any surface to be used for the collection or storage of potable water; or toys or furniture; or any fence, wall, post, gate, building (interior or exterior), bridge, pylon, pipeline, storage tank or any similar structure; or any premises, equipment or utensils used for the manufacture, processing, preparation, packing or serving of products intended for human or animal consumption. When sanding any paint, use wet sanding to avoid breathing dust. Wear a dust respirator if wet sanding not possible. Avoid contaminating the atmosphere and the ground with sanding dust/slurry.

**16.2 Labelled Ingredients** Contains: Xylene 3-<5% w/w, H A L S <1% w/w, Lead Chromate Pigment 20-<25% w/w

**16.3 Key/Legend** WES = Work Exposure Standard; TWA = Time Weighted Average; STEL = Short Term Exposure Limit; N/E = Not Established

**16.4 Contact Point** COMPLIANCE MANAGER: 021 246 0188 (24 Hours)  
GENERAL MANAGER: 021 792 881 (24 Hours)

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