

SECTION 1 - IDENTIFICATION OF THE MATERIAL AND SUPPLIER

1.1 Product Name	POLYESTER POWDERCOATING LEADED
1.2 Manufacturer's Product Code	PE 44000
1.3 Uses	Powder Coating (spraying)
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	6.1E (ORAL),6.5A,6.5B,6.6A,6.7B,6.8A,6.9B,8.3A,9.1A,9.3C
2.3 Signal Word	DANGER
2.4 Hazard Statements	May be harmful if swallowed. May cause allergy or asthma symptoms or breathing difficulties if inhaled. 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. Causes serious eye damage. Very toxic to aquatic life with long lasting effects. Harmful to terrestrial vertebrates.
2.5 Precautionary Statements	Keep out of reach of children. Read label before use. Avoid breathing mist/vapours spray. In case of inadequate ventilation wear respiratory protection. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection. 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	1344-37-2	10-30%	6.6A,6.7B,6.8A,6.9B,9.1A
T G I C	2451-62-9	1-10%	6.1C (INHL),6.1C (ORAL),6.5A,6.5B,6.6A,6.9A 8.3A,9.1C,9.3B

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 Poisons Information Centre (Tel: 0800 POISON, 03-474-7000 - NZ; 13-11-26 - Australia) are able offer advice. Treat symptomatically.

SECTION 5 - FIRE FIGHTING MEASURES

5.1 Fire/Explosion Hazard Dust/air mixtures constitute a fire and explosion hazard. Prevent generation/accumulation of dust. Ensure all equipment is earthed. Extinguishing Media: Water Spray, Water Fog, Foam, Carbon Dioxide.

5.2 Hazchem Code 2[Y]

SECTION 6 - ACCIDENTAL RELEASE MEASURES

6.1 Vacuum where possible - avoid sweeping. Confine area of spill. Transfer to suitable container for disposal. Dispose of via a competent contractor, in accordance with local regulations.

SECTION 7 - HANDLING AND STORAGE

7.1 Lower Explosive Limit (LEL) in air 20g/m³. Minimum Auto Ignition Temperature >400C. Provide sufficient ventilation to maintain exposure below WES/TWA. Store in a cool place, out of direct sunlight. Keep containers closed at all times.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Exposure Standards	Chemical Entity	CAS No.	Weight%	WES/TWA	WES/STEL
	LEAD CHROMATE	1344-37-2	10-30%	0.012mg/m ³	
	T G I C	2451-62-9	1-10%	0.08mg/m ³	

Work Exposure Standard/Time Weighted Average (WES/TWA) 10mg/m³ for the product.

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

8.3 Personal Protection Wear safety glasses/goggles. Avoid inhalation of dust. Wear dust respirator or powered air purifying system. Avoid skin contact. Wear rubber or synthetic gloves. Wear overalls which cover arms and legs.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

9.1 Physical Description/Properties

Appearance	Powdered Solid
Specific Gravity	1.76
Flash Point c.c.	>200 deg C deg C
Flammability Limits	Not Applicable
Volatile Content	0.0 % 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 May be harmful if swallowed.

Eye Contact Causes eye irritation - may be severe, with redness and burning sensation.

Skin Contact Irritating.

Inhaled Irritating.

Chronic or Other Prolonged exposure may cause dermatitis in those with sensitive skin. 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	10-30%	> 2000		
T G I C	1-10%	< 100	> 2000	0.65

SECTION 12 - ECOLOGICAL INFORMATION

12.1 HSNO Hazard Statements Very toxic to aquatic life with long lasting effects.
Harmful to terrestrial vertebrates.

SECTION 13 - DISPOSAL CONSIDERATIONS

13.1 General Disposal Do not let this product enter the environment. Dispose of this product and its container in accordance with local regulations.

13.2 Treatment Suitable treatment, in accordance with HS (Disposal) Regulations 2001, includes: Controlled burning. Export overseas. Disposal via landfill 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: Not Applicable Shipping Name: Not Applicable
 D.G. Class: Not Applicable Subsidiary Risk:
 Packing Group: Not Applicable Hazchem Code: 2[Y]

SECTION 15 - REGULATORY INFORMATION

15.1 HSNO Approval Number HSR002679 - Toxic [6.7]

15.2 HSNO Controls

15.2.1 Emergency Management Level 2:

Regulations

MSDS required when any amount is present in a workplace.

Level 3:

Emergency Response Plans and Secondary Containment required when 100Kg is stored.

Corrosive Signage required when 1000Kg is stored.

Ecotoxic Signage required when 100Kg is stored.

15.2.3 Approved Handler Yes - For ANY amount.

15.3 HMIS Code

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: T G I C 3- <5% w/w, Lead Chromate 25- <30% 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)
