SAFETY DATA SHEET - 0581 44000L

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SECTION 1 - IDENTIFICATION OF THE MATERIAL AND SUPPLIER

1.1 Product Name	SUPERBAKE LEADED
1.2 Manufacturer's Product Code	0581 44000L
1.3 Uses	Industrial Paint (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	3.1C,6.1E (ORAL),6.3A,6.4A,6.6A,6.7B,6.8A,6.9B,9.1B,9.2D
2.3 Signal Word	DANGER
2.4 Hazard Statements	Flammable liquid and vapour. May be harmful if swallowed. Causes skin irritation. Causes eye irritation. 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. Harmful to the soil environment.
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. 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/ SULPHATE/ MOLYBDATE	12656-85-8	10-30%	6.6A,6.7B,6.8A,6.9B,9.1A
XYLENE	1330-20-7	10-30%	3.1C,6.1D (DERM),6.1D (ORAL),6.1E (INHL),6.3A 6.4A,6.8B,6.9B,9.1D,9.3C
N BUTYL ACETATE	123-86-4	10-30%	3.1C,6.1D (INHL),6.1E (ORAL),6.3B,6.4A,9.1D
HYDROCARBON BLEND		1-10%	3.1C,6.3B,9.1B
HYDROCARBON MIXTURE	8052-41-3	1-10%	3.1C,6.1E (ORAL),6.3B,9.1B
N BUTANOL	71-36-3	1-10%	3.1C,6.1D (ORAL),6.1E (DERM),6.1E (INHL),6.3A 8.3A,9.3C
TOLUENE	108-88-3	<1%	3.1B,6.1D (INHL),6.1D (ORAL),6.3A,6.4A,6.8B 6.9B,9.1D,9.3C
ALKYL AMINE		<1%	3.1B,6.1C (DERM),6.1D (INHL),6.1D (ORAL),8.2C 8.3A,9.1D,9.3B
PETROLEUM NAPHTHA	64742-49-0	<1%	3.1B,6.3B,9.1B
METHYL ALCOHOL	67-56-1	<1%	3.1B,6.1D (ORAL),6.4A,6.8B,6.9A,9.3C
FORMALDEHYDE	50-00-0	<1%	3.1C,6.1B (INHL),6.1C (DERM),6.1C (ORAL),6.5B 6.6B,6.7A,6.9B,8.2C,8.3A,9.1D,9.2A,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 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, CO2, 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 Nitrogen, 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 arrange for disposal by a competent contractor, in accordance with local 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. Arrange disposal by competent contractor, in accordance with local 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/ SULPHATE/ MOLYBDATE	12656-85-8	10-30%	0.012mg/m3	
XYLENE	1330-20-7	10-30%	50ppm	
N BUTYL ACETATE	123-86-4	10-30%	150ppm	200ppm
HYDROCARBON BLEND		1-10%	41 ppm	
HYDROCARBON MIXTURE	8052-41-3	1-10%	100ppm	
N BUTANOL	71-36-3	1-10%	50ppm	
TOLUENE	108-88-3	<1%	50ppm	
ALKYL AMINE		<1%	1ppm	3ppm
PETROLEUM NAPHTHA	64742-49-0	<1%	315 ppm	
METHYL ALCOHOL	67-56-1	<1%	200ppm	250ppm
FORMALDEHYDE	50-00-0	<1%	1ppm	2ppm

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 Wear chemical safety glasses/goggles or faceshield. Wear half-face respirator, with organic vapour cartridge. 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	1.14
Flash Point c.c.	24 deg C
Flammability Limits	0.7 - 8 % by volume in air
Volatile Content	42.3 % by weight
Solubility in Water	Very Low

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.

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. 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/ SULPHATE/ MOLYBDATE	10-30%	>5000		
XYLENE	10-30%	>2000	>2000	>5
N BUTYL ACETATE	10-30%	6500	>2000	
HYDROCARBON BLEND	1-10%	>2000	>2000	>5
HYDROCARBON MIXTURE	1-10%	>2000		>5
N BUTANOL	1-10%	>2000	>4200	>8000
TOLUENE	<1%	>7000	>2000	>2,<5
ALKYL AMINE	<1%	460	570	3496
METHYL ALCOHOL	<1%	25-200	>2000	64000
FORMALDEHYDE	<1%	100	270	0.497

SECTION 12 - ECOLOGICAL INFORMATION

12.1 HSNO Hazard Statements Toxic to aquatic life with long lasting effects.
Harmful to the soil environment.

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 15-<20% w/w, Lead Chromate/ Sulphate/ Molybdate 15-<20% 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)