

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

1.1 Product Name AMERCOAT D9 ZINC POWDER  
1.2 Manufacturer's Product Code 0009ZN  
1.3 Uses Filler for industrial paints  
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 (INHL),9.1A  
2.3 Signal Word WARNING  
2.4 Hazard Statements May be harmful if inhaled. Very toxic to aquatic life with long lasting effects.  
2.5 Precautionary Statements Keep out of reach of children. Read label before use. Avoid release to the environment.

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

Chemical Entity	CAS No.	Weight%	HSNO Classification of Ingredients
ZINC DUST (NON DG GRADE)	7440-66-6	100%	6.1E (INHL),9.1A

**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** Contact with acids or alkali results in evolution of hydrogen, which may reach explosive limits in confined spaces. Remove dust not affected, cover rest with DRY sand. Dry Powder Extinguishers suitable for Class D Fires (combustible metals) may be used. Zinc Oxide fumes formed on combustion.
- 5.2 Hazchem Code** Not Applicable

**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

- 6.1 Spills** Avoid breathing dust concentrations in excess of TLV. Shovel or vacuum spillage and place in dry metal container and keep tightly closed. No smoking or sparks in hazard area. Arrange for disposal with a competent contractor, in accordance with local regulations.

**SECTION 7 - HANDLING AND STORAGE**

- 7.1** will ignite at high temperatures - 460 deg C Powder Layer on Heated Surface, 680 deg C Spark ignition of dust cloud. Protect containers from physical damage. Store in dry, cool place with good ventilation. Keep away from acids, alkalis and water.

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

- | <b>8.1 Exposure Standards</b> | <u>Chemical Entity</u>   | <u>CAS No.</u> | <u>Weight%</u> | <u>WES/TWA</u> | <u>WES/STEL</u> |
|-------------------------------|--------------------------|----------------|----------------|----------------|-----------------|
|                               | ZINC DUST (NON DG GRADE) | 7440-66-6      | 100%           | 10mg/m3        |                 |
- 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** Safety Glasses/Goggles, Gloves, Dust Respirator, Apron.

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

Appearance	Grey Powder
Boiling Point	907 deg C
Specific Gravity	7.10
Flash Point c.c.	>93 deg C
Flammability Limits	
Volatile Content	0.0 % by weight
Solubility in Water	Reactive

**SECTION 10 - STABILITY AND REACTIVITY**

- 10.1** Normally stable.

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

<b>Swallowed</b>	Vomiting may result if sufficient quantity is swallowed. Seek medical advice.
<b>Eye Contact</b>	Irritation resulting from loose foreign body.
<b>Skin Contact</b>	Mild dermatitis may occur.
<b>Inhaled</b>	Dryness of throat and sweet taste.
<b>Chronic or Other</b>	Zinc Dust is not inherently toxic. Excessive exposure to freshly formed Zinc Oxide fume may cause "Zinc Fume Fever".

**11.2 Toxicity of Ingredients** Non-toxic, or no specific toxic dose information is available.

**SECTION 12 - ECOLOGICAL INFORMATION**

**12.1 HSNO Hazard Statements** Very 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: Recycling. 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:	Not Applicable	Shipping Name:	
D.G. Class:	Non-hazardous	Subsidiary Risk:	
Packing Group:	Not Applicable	Hazchem Code:	Not Applicable

**SECTION 15 - REGULATORY INFORMATION**

**15.1 HSNO Approval Number** HSR002670 - Subsidiary Hazard

**15.2 HSNO Controls**

**15.2.1 Emergency Management  
Regulations** Level 2:  
MSDS required when any amount is present in a workplace.  
Level 3:  
Emergency Response Plans and Secondary Containment required when 100Kg is stored.  
Ecotoxic Signage required when 100Kg is stored.

**15.2.3 Approved Handler** Yes - For ANY amount.

**15.3 HMIS Code** 102F

**SECTION 16 - OTHER INFORMATION**

- 16.1 Directions for Use**                      Refer to the Technical Data Sheet for this product for directions for use.
- 16.2 Labelled Ingredients**                None
- 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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