

# AEROCAN PRODUCTS AUSTRALIA

## MATERIAL SAFETY DATA SHEET

### 1. Identification of Material and Supplier

**Product Name**            **Blue Zinc**

**Supplier Name**             **Wholesale Chemical Company**            **ABN 63 127 274 597**

**Address Web**            **www.wccaustralia.com.au**

**Address**                    **27 Dividend Street, Mansfield Qld 4122**

**Telephone**                **(07) 3343 4700**            **Facsimilie**            **(07) 3349 4199**

**Emergency Telephone**    **(02) 9673 4488**    **Technical Support**    **(02) 9673 4488**

### 2. Hazards Identification

S27            Take of immediately all contaminated clothing.

S29            Do not empty into drains

S33            Take precautionary measures against static discharges.

S36/37/39    Wear suitable protective clothing, gloves and eye/face protection

S38            In case of insufficient ventilation, wear suitable respiratory equipment.

S43            In case of fire use: Foam, dry chemical powder, Carbon dioxide, Water spray or fog (for large fires only) as extinguishing media.

S51            Use only in well ventilated areas.

S61            Avoid release to the environment.

S62            If swallowed, do not induce vomiting: seek medical advice immediately and show this label or can.

### 3. Composition/Information on Ingredients

<b>Chemical Name</b>	<b>CAS Number</b>	<b>Proportion</b>
Alkyd resin	Proprietary	40-50%
Pigments	Proprietary	20-40%
Liquid Hydrocarbons	64742-95-6	5-15%
Liquid Hydrocarbons	108-88-3	5-10%
Liquid Hydrocarbons	Proprietary	5-10%
Additives	Proprietary	1-5%

### 4. First Aid Measures

**Inhalation:**            First inhalation of mists, fumes of vapour causes irritation to the nose or throat, or coughing, remove to fresh air. If symptoms persist, obtain medical advice.

**Skin:**                    Remove all contaminated clothing and footwear. Wash contaminated area thoroughly with soap and water as soon as reasonably practicable.

**Eyes:**                    Immediately flush eyes with large amounts of water for at least 15 minutes while holding eyelids open. Transport to the nearest medical facility for additional treatment.

**Swallowed:**            rinse mouth with water. Give water to drink. Do not induce vomiting. If vomiting occurs please person's face downwards, head lower than hips to prevent vomit entering lungs. Seek medical advice.

**First Aid**                Ensure that an eye wash bath and safety shower are

**Facilities:** readily available.

**Advice to Doctor:** Treat the patient symptomatically.

## **5. Fire Fighting Measures**

Evacuate immediate area of non-emergency personnel.

On Combustion the following products may be produced. Carbon Dioxide, Carbon Monoxide, Soot, smoke.

Use foam, dry chemical or carbon dioxide extinguishers. Water spray may be used to cool containers to prevent vapour pressure build up.

Wear full protective equipment including self-contained breathing apparatus.

## **6. Accidental Release Measures**

Eliminate all sources of ignition. Wear full protective equipment. Contain and absorb using earth, sand or other inert material, do not use sawdust, this is flammable. Transfer into containers for disposal according to local regulations. Do not allow product to enter drains or water courses. Immediately remove all contaminated clothing after containment.

## **7. Handling and Storage**

Keep containers closed when not in use. Store product in accordance with State or territory Dangerous Goods regulations. Do not load on the same vehicle as Class 2.1, Class 2.3, Class 4.2, Class 5.1, Class 5.2, or Class 7.

## **8. Exposure Controls/Personal Protection**

No evaluated data available for 210 Metalprime.

### **Hazardous Components Data:**

<b>Chemical Type:</b>	<b>CAS NO</b>	<b>TWA (Refer Section 16)</b>	
		<b>Ppm</b>	<b>mg/m<sup>3</sup></b>
Liquid Hydrocarbon	647-95-6	55	270
Liquid Hydrocarbon	Proprietary	90	480
Liquid Hydrocarbon	108-88-3	50	91

Based on available information on hazardous components of this product, the recommended exposure limit (TWA) is 100 ppm.

**Engineering Controls:** Ensure ventilation is adequate. When spraying, ensure product is applied in a fully functional spray-booth, Keep containers closed when not in use. Do not use near ignition sources.

**Personal Protection:** Avoid contact with skin and eyes. Wear suitable clothing such as impervious overalls, PVC or Neoprene gloves, and safety goggles. Wear an approved half-face respirator, minimum requirement class A1/P3 filter system, suitable for organic vapour and particles, meeting AS1715/1716. In confined spaces with inadequate ventilation, wear an air-fed face mask.

**Flammability:** Highly flammable. Avoid heat and sources of ignition. Container should be earthed when pouring.

## 9. Physical and Chemical Properties

<b>Appearance:</b>	liquid droplet and aerosols	<b>Odour:</b>	Typical hydrocarbon solvent
<b>Freezing/Melting Point:</b>	n.d	<b>Boiling Point:</b>	150°C
<b>Density:</b>	0.860 – 0.863	<b>Vapour Pressure:</b>	n.d
<b>Solubility in water:</b>	insoluble (Gas 61.2 mg/l)	<b>Volatiles:</b>	60%
<b>Flash Point:</b>	-80°C (Gas)	<b>Flammability Limits:</b>	to 10.0% (Gas) vol/air
<b>Ignition Point:</b>	n.d		
<b>Other Properties:</b>	Incompatible with oxidising substances		

## 10. Stability and Reactivity

<b>Do not store:</b>	In areas of extreme heat generated by naked flame or heating element in the presence of incompatible materials.
<b>At Ambient:</b>	Product is considered stable. Hazardous polymerisation with not occur.

## 11. Toxicological Information

**Acute – Swallowed:** May cause irritation to mouth throat and digestive tract. Large dose may cause drowsiness and may lead to unconsciousness.

**Acute – Eye:** Irritating to the eyes.

**Acute – Skin:** Irritating to the skin. Has a degreasing action on the skin. Repeated or prolonged skin contact may lead to contact dermatitis and toxic effects.

**Acute – Inhaled:** Vapour may be an irritant to mucous membranes and respiratory tract. Inhalation of vapour can result in headaches, dizziness and possible nausea. Inhalation of high concentrations can produce central nervous system depression, which can lead to loss of co-ordination, impaired judgement and, if exposure is prolonged, unconsciousness, harmful if inhaled.

**Chronic:** Repeated or prolonged exposure to this chemical could result in central nervous system disorders.

## 12. Ecological Consideration

Prevent release into the environment.  
Do not discharge into sewer or waterways.  
May cause adverse effects to marine organisms.  
May cause adverse effects to marine environment.

## 13. Disposal Considerations

Refer to State and Waste Management Authority. Advice flammable nature of product. Normally suitable for incineration by approved agent. Recycle containers if possible, or dispose of in authorised landfill.

## 14. Transport Information

Classified as Dangerous Goods by criteria of the Australian Dangerous Goods Code (ADG Code) for transport by road or rail.



**Product Name:** 210 Metlprime  
**Other Names:** Paint  
**Manufacturer's Product Code:** 210  
**UN Number:** 1263  
**Packaging Group:** II

**Dangerous Goods Class & Subsidiary Risk: 3**

**Hazchem Code: 3(Y)E**

Do not load on the same vehicle as Class 2.1, Class 2.3, Class 4.2, Class 5.1, Class 5.2 or Class 7

## **15. REGULATORY INFORMATION**

**Poisons Schedule:** Not allocated.

## **16. OTHER INFORMATION**

**TWA:** Exposure standard-time weighted average: the average airborne concentration of a particle substance when calculated over a normal eight hour working day, for a five day week.

**Ppm:** Parts of vapour or gas per million parts of contaminated air by volume.

**Mg/m<sup>3</sup>:** Milligrams of substance per cubic metre of air at 25°C and one atmosphere pressure. When entry is in this column only the value is exact, when listed with a ppm value it is approximate.

### **CONTACT POINT:**

Technical Manager – Working hours (02) 9688-1999

After hours (02) 9636 5505

**Hazardous according to criteria of Australian Safety Compensation Council.**

**Date Prepared/Amended:** 22/01/2010 New Version 1.0 to comply with National Code of Practice for the Preparation of material Safety Data Sheets 2<sup>nd</sup> Edition NOHSC: 2011 (2003)

**Data Sources Used:** In the preparation of this MSDS include: Chempendiurrf and C>te/77/7/& published in CD format by CCOHS Canada 2003 – 4 TOMES a CD database published by Micromedex, USA, "Hazardous Properties of Industrial materials" Van Nostrand Rheinhold NY, USA. "List of Designated Hazardous S"/6s/a/7ces" HOHSC 10005:1999, National Exposure Standards. NOHSC 1003:1995. Abbreviations used: n.d = not determined, n.a = not applicable, n.all = not allocated, n.est = not established, SUSDP = Standard for the Uniform Scheduling of Drugs and Poisons, ADG = Australian Dangerous Goods (Code). IATA = International Air Transport Association (Dangerous Goods regulations) IMDG = International Maritime Dangerous Goods (Code).

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