

## Rustblock Epoxy Gloss Enamel

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

Product Name:	Rustblock Epoxy Gloss Enamel
Recommended Uses:	Top coating
Product code:	Various (depending on colour)
Supplier:	Omega International Coatings P/L
Street Address	111, Kurrajong Ave, Mount Druitt, NSW, 2770
Telephone Number:	(02) 9832 0000
Fax:	(02) 9832 8888
Emergency phone:	<b>Poison Information Center:</b> 13 11 26

### SECTION 2- HAZARDS IDENTIFICATION

#### **Health Hazard Classification**

This product is classified as hazardous under SafeWork Australia criteria.

#### **Hazard Category**

F: Flammable; Xn: Harmful; Xi: Irritant

#### **Risk Phrases**

R10: Flammable.

R20/21: Harmful by inhalation and in contact with skin

R37/38: Irritating to respiratory system and skin.

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R65: Harmful: may cause lung damage if swallowed.

R66: Repeated exposure may cause skin dryness or cracking.

R67: Vapours may cause drowsiness and dizziness.

#### **Safety Phrases**

S2: Keep out of the reach of children.

S23: Do not breathe vapour.

S24/25: Avoid contact with skin and eyes.

S61: Avoid release to the environment. Refer to special instructions/Safety data sheets.

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

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

<b>Chemical Entity</b>	<b>CAS No.</b>	<b>Proportion (%w/w)</b>
<b>Solvent naphtha (petroleum), light aromatic</b>	64742-95-6	<10%
<b>Xylene</b>	1330-20-7	30-60%
<b>Liquid hydrocarbon</b>	84742-88-7	<10%
<b>Cobalt Octoate</b>	13586-82-8	<1 %
<b>Zirconium Octoate</b>	22464-99-9	<1 %
Ingredients determined to be non-hazardous or below the hazardous threshold		TO 100%

**SECTION 4- FIRST AID MEASURES****Ingestion**

If swallowed, do not induce vomiting: transport to nearest medical facility for additional treatment. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.

**Eye contact**

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.

**Skin contact**

Remove contaminated clothing. Immediately flush skin with large amount of water for at least 15 minutes, and follow by washing with soap and water if available. If redness, swelling, pain and/or blisters occur, transport to the nearest medical facility for additional treatment.

**Inhalation**

DO NOT DELAY. Remove to fresh air. If rapid recovery does not occur, transport to nearest medical facility for additional treatment.

**First aid facilities**

Provide eye baths and safety showers.

**Medical attention**

Treat symptomatically.

**SECTION 5- FIRE FIGHTING MEASURES****Suitable extinguishing equipment**

Foam, water spray or fog. Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only.

**Hazard produced**

Carbon oxides

**Unsuitable Extinguishing Media**

Do not use water in a jet.

**Special protective equipment and precautions for fire fighters**

Wear full protective clothing and self-contained breathing apparatus.

**Hazchem Code: 3[Y]E****SECTION 6- ACCIDENTAL RELEASE MEASURES****Minor spill**

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 spill**

Extinguish naked flames and avoid sparks. Wear appropriate protective clothing and equipment. Evacuate surrounding personal. 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****Precaution for safe handling**

This product is highly flammable. Avoid sources of heat, naked flames and sparks. Avoid contact with skin, eyes, and clothing. Use in well-ventilated area. Do not breathe vapors, mists, or dusts. Use flame proof equipment. No smoking. Earth all containers to reduce the possibility of sparks from static electricity.

**Conditions for safe storage**

Store in a cool, well-ventilated area and place away from heat, sunlight, naked flames and sparks. Store in tightly closed containers to prevent moisture contamination. Do not reseal if contamination is suspected. Keep container closed at all times. Keep away from food, and drink and clothing.

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

Chemical Entity	Cas No	Weight%	TWA <sup>1</sup> (ppm)	STEL <sup>2</sup> (ppm)
Solvent naphtha (petroleum), light aromatic	64742-95-6	<10%	50	150
Xylene	1330-20-7	30-60%	100	150
Liquid hydrocarbon	84742-88-7	<10%	N/A	N/A

<sup>1</sup> Time weighted average concentration<sup>2</sup> Short-term exposure limit

**Engineering controls**

General mechanical ventilation or local exhaust should be suitable to keep vapour concentrations below TWA. Ventilation equipment should be explosion proof.

**Personal protective equipment**

Wear chemical safety glasses/goggles or face shield. Wear half face respirator, with organic vapor cartridge. Wear PVC or Nitrile chemical handling gloves.

**SECTION9- PHYSICAL AND CHEMICAL PROPERTIES**

Property	Unit of measurement	Typical value
Appearance	-	Coloured liquid
Odour	-	Solvent odour
Vapor pressure	kPa	4.3
Boiling Point	°C	133-150
Flash Point	°C	24
Density @ 25°C	g/ml	0.98-1.05 (depending on colour)
Flammability Limits	%(v/v)	0.8-1.2
Volatile content	%(w/w)	<70%

**SECTION 10- STABILITY AND REACTIVITY****Chemical stability**

Stable at room temperature and pressure.

**Conditions to avoid**

Source of heat and ignition, open flames and sparks

**Incompatible materials**

Water, amines, strong bases, alcohols, copper alloys

**Hazardous decomposition products**

Carbon oxides, oxides of nitrogen, and other organic complexes on incomplete burning or oxidation.

**Hazardous reactions**

Oxidizing agents, mineral acids, halogenated organic compounds and peroxides.

**SECTION 11- TOXICOLOGICAL INFORMATION****Acute effects*****Ingestion***

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.

***Inhalation***

Harmful by inhalation. The vapour is irritating to the upper respiratory tract. Cause nausea, dizziness and narcosis. Extreme exposure will result in unconsciousness, and possibly death.

**Chronic effects**

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, blood forming, cardiovascular and reproductive systems.

**Toxicology information**

No LD data available for this product.

**SECTION 12- ECOLOGICAL INFORMATION**

Harmful to aquatic organisms, will cause long term adverse effects in the aquatic environment.

**SECTION 13- DISPOSAL CONSIDERATIONS**

Refer to Waste Management Authority. Dispose of material through a licensed waste contractor. Advise flammable nature. Product is normally suitable for incineration by an approved agent.

**SECTION 14- TRANSPORT INFORMATION**

For local transportation within New Zealand refer NZS 5433:1999: For Australia refers ADG code.

<b>UN No.</b>	1263
<b>Proper Shipping Name</b>	Paint Related Material
<b>DG Class</b>	3
<b>Subsidiary Risk</b>	Not Applicable
<b>Packing Group</b>	II
<b>Hazchem Code</b>	3[Y] E

**SECTION 15-REGULATORY INFORMATION****HMIS Code:** 230H**SECTION 16- OTHER INFORMATION**

**Contact** Apco Coatings  
**Person/Point** Technical Manager  
Ph 02 98 32 0000 Mob 0422237710

**Other Information** Principal toxic properties of this product are due to the solvent composition and vapour inhalation hazards.

Abbreviations: N/A - Not Applicable N/AV - Not Available

**Abbreviations:**

ADG: Australian Code for the Transport of Dangerous Goods by Road and Rail

CAS Number: Chemical Abstracts Number