

Rustblock Etch Primer

SECTION 1- IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name:	Rustblock Etch Primer
Manufacturing Product Code:	Various, depending on (White, Grey & Black)
Recommended Uses:	For priming metal surface
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:	Poison Information Center: 13 11 26

SECTION 2- HAZARDS IDENTIFICATION

Health Hazard Classification

This product is classified as hazardous under Safe Work Australia criteria.

Hazard Category

F: Flammable; Xn: Harmful; Xi: Irritant

Risk Phrases

R11: Highly flammable.

R66: Repeated exposure may cause skin dryness and cracking.

R20/22: Harmful by inhalation and if swallowed.

R36/38: Irritating to eyes and skin.

Safety Phrases

S7/9: Keep container tightly closed and in a well-ventilated place.

S16: Keep away from sources of ignition.

S23: Do not breathe vapours or mist.

S29: Do not empty into drains

S33: Take precautionary measures against static discharges.

S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label whenever possible.)

S24/25: Avoid contact with skin and eyes.

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

SECTION 3- COMPOSITION/ INFORMATION ON INGREDIENTS

Chemical Entity	CAS No.	Proportion (%w/w)
Toluene	108-88-3	10-30 %
Ethanol	64-17-5	30-60%
Butanol	71-36-3	<10%
Paint additives	N/A	<10%
Phosphoric acid 85%	7664-38-2	<1%

Ingredients determined to be non-hazardous Or below the hazardous threshold	TO 100%
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SECTION 4- FIRST AID MEASURES**Ingestion**

Thoroughly rinse mouth with clean water. If swallowed give a glass of water. Do NOT induce vomiting.

Eye contact

Check for and remove any contact lenses. Irrigate copiously with clean fresh water for 15 minutes, holding the eyelids apart. Seek medical attention if irritation persists.

Skin contact

Wash affected areas with soap and water or an industrial skin cleanser. Remove contaminated clothing and flush skin and hair with running water. Seek medical attention if irritation persists.

Inhalation

No problems anticipated at normal temperatures. Remove to fresh air if any effects apparent. Seek medical attention if any effects persist.

First aid facilities

Water should be available to rinse eyes or skin. Provide eye baths and safety showers.

Medical attention

Treat symptomatically.

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

Use water fog (or if unavailable fine water spray), dry chemical, carbon dioxide or alcohol stable foam. Use water to cool exposed containers.

Hazards arising from combustion of product

Emit toxic and/or irritating fumes including carbon monoxide and carbon dioxide.

Special protective equipment and precautions for fire fighters

Highly flammable liquid. Fire fighters should wear self-contained breathing apparatus (SCBA) and complete protective clothing.

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. Use in well-ventilated area. 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, naked flames and sparks. Store away from oxidizing agents, alkaline materials and strong acids. 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%	TWA¹ (ppm)	STEL² (ppm)
Ethanol	64-17-5	30-60%	1000	N/A
Toluene	108-88-3	10-30%	200	500
Butanol	71-36-3	<10%	100	N/A
Paint additives	N/A	<10 %	N/A	N/A

¹ Time weighted average concentration

² 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.

Respiratory protection

With good ventilation - none required. In confined spaces and/or limited ventilation or in areas where the exposure standards may be exceeded, wear a cartridge respirator fitted with a cartridge suitable for organic vapours and particulates.

Eye protection

Eye protection to prevent splashing in the eyes, e.g. safety glasses with side shields or chemical goggles.

Personal protective equipment

Wear overalls to keep skin contact to a minimum. Wear PVC or rubber gloves.

Hygiene measure

Wash hands thoroughly before eating or smoking.

SECTION 9- PHYSICAL AND CHEMICAL PROPERTIES

Property	Unit of measurement	Typical value
Appearance	-	Coloured Liquid
Odour	-	Characteristic Solvent odour
Vapor Pressure @ 25°C	kPa	1.6
Boiling Point	°C	94
Flash Point	°C	16
Density @ 25°C	g/ml	0.88-0.94 (depends on colour)
Flammability Limits	%(v/v)	7.1
Volatile content	%(w/w)	> 80

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

Stable under normal handling conditions.

Hazardous Reactions

Source of heat and ignition, open flames.

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. May cause nausea, dizziness and narcosis. Extreme exposure may 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

Toxic to aquatic organisms, may 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.

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

SECTION 15-REGULATORY INFORMATION

Poisons Schedule Not Scheduled

AICS (Australia) All components are listed on AICS.

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