


Safety Data Sheet

SECTION 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

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|------------------------|---|
| Product Name | GALVO PRIME |
| Other Names | Product Code: 377000_. |
| Recommended Use | Waterborne galvanised steel primer. |
| Company Name | Resene Paints (Australia) Limited. |
| Address | 7 Production Avenue Molendinar, Queensland 4214. |
| Emergency Tel | 1800 738 383 Available Monday – Friday, 8:00 a.m. – 5:00 p.m. |
| Phone | 07 3287 0222 |
| Fax | 07 3287 0226 |

SECTION 2. HAZARDS IDENTIFICATION

| | | |
|---------------------------------|---|---|
| Hazard Statement | HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS. According to the criteria of the Safe Work Australia and the ADG code. | |
| GHS Classification | Toxic to Reproduction Aquatic Eco toxicity -Acute Aquatic Eco toxicity - Chronic | Category 1B Category 2 Category 2 |
| Label Elements |  <p>DANGER</p> | |
| Hazard Statements | May damage fertility or the unborn child Toxic to aquatic life with long lasting effects | |
| Precautionary statements | Obtain special instructions before use Do not handle until all safety precautions have been read and understood Use personal protective equipment as required Avoid release to the environment | |

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Ingredients | Name | CAS | Proportion % (v/v) |
|-------------|-------------------------------------|------------|--------------------|
| | Zinc Oxide | 1314-13-2 | < 10 |
| | Zinc Phosphate | 7779-90-0 | < 10 |
| | Propylene glycol monobutyl ether | 5131-66-8 | < 10 |
| | Dipropylene glycol monomethyl ether | 34590-94-8 | < 10 |
| | Dibuytl phthalate | 84-74-2 | < 10 |
| | Alcohols, ethoxylated | 68131-40-8 | < 1 |
| | Proprietary materials | Various | balance |

SECTION 4. FIRST AID MEASURES

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| Swallowed | If swallowed dilute by giving two glasses of water to drink. DO NOT induce vomiting. Never give anything by mouth to an unconscious person. |
| Eye | Immediately flush eyes with running water while holding eyelids apart and away from the eyes, flush for at least 15 minutes. |
| Skin | Wash affected area thoroughly with soap and water. If skin irritation occurs, seek medical advice/attention. |
| Inhaled | Provide fresh air; give oxygen or artificial respiration if breathing is laboured. |
| Aggravated medical conditions caused by exposure. | Can be irritating to skin with repeated or prolonged contact. |
| Chronic Health Effects | None anticipated with this product. |

SECTION 5. FIRE FIGHTING MEASURES

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| Extinguisher | Select an extinguishing media suitable for the surrounding area. |
| Hazards from combustion products | Oxides of Carbon and Nitrogen. |
| Special protective precautions and equipment for fire fighters | Material can splatter above 100°C. Polymer film can burn. Do not allow contaminants and water from fire fighting to enter drains or water course. |
| Hazchem code | Not assigned |

SECTION 6. ACCIDENTAL RELEASE MEASURES

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| Emergency procedures | In confined areas wear protective equipment. Keep spectators away and avoid breathing dust or vapours. Floor may be slippery, use care to avoid falling. |
| Environmental hazards | Toxic to the aquatic environment with long lasting effects. Prevent by any means possible spillage from entering drains and waterways. Dispose of liquid and containers as hazardous waste. |
| Methods and materials for containment and clean up. | <p>Minor spills Contain and absorb small quantities with vermiculate or other absorbent material. Wipe up. Collect residues in a waste container.</p> <p>Major spills Prevent, by any means available, spillage from entering drains or water course. Contain spill with sand, earth or vermiculite. Transfer liquid to containers for recovery or disposal.</p> |

SECTION 7. HANDLING AND STORAGE

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| Precautions for safe handling | Avoid damaging containers. Keep lids on containers when not in use. People handling this product should wash their hands and face before eating and/or smoking. |
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Handle containers carefully to prevent damage and/or spillage.

Conditions for safe storage including any incompatibilities Store locked up.
Storage temperatures: Max: 40°C, Min: 1°C.
Avoid excessive changes in temperature.
Avoid storing with strong oxidisers, acids and alkalis

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National exposure standards for mixture From the NOHSC "Exposure Standards for Atmospheric Contaminants in the Occupational Environment" Refer;
<http://hsis.safeworkaustralia.gov.au/ExposureStandards>

| Component | Breathing Zone ppm | Breathing Zone mg/m ³ | Mixture conc. (%) |
|-------------------------------------|--------------------|----------------------------------|-------------------|
| Dipropylene glycol monomethyl ether | 50 | 308 | < 10 |
| Dibutyl phthalate | - | 5 | < 10 |

Personal Protection

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| Eyes. | Safety glasses with side shields; or as required, goggles. |
| Hands/Feet | Wear chemical protective gloves. Wear safety footwear. |
| Other | Overalls Eyewash unit |
| Respirator | In a well ventilated area no respiratory equipment is required. Avoid breathing vapours of heated materials. |

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

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| Appearance | Coloured viscous liquid |
| Odour | Mild ammonia odour |
| pH | Not established |
| Vapour pressure | Not applicable |
| Vapour density | Heavier than air |
| Boiling point | 100°C |
| Melting Point | 0°C |
| Solubility | Can be diluted with water |
| Density | 1.2 Kg/L |
| Percent Volatile | 44 |

SECTION 10. STABILITY AND REACTIVITY

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| Chemical stability | Product is considered stable under normal storage and handling conditions. |
| Conditions to avoid | Presence of incompatible materials. Avoid freezing, excessive heat and changes in temperature. |
| Incompatible materials | Strong oxidisers, acids and alkalis. |
| Hazardous decomposition products | Oxides of carbon and hydrogen, and smoke. |
| Hazardous reactions | Hazardous polymerisation will not occur. |

SECTION 11. TOXICOLOGICAL INFORMATION

Toxicological information for this product is not available. Reference is made, where possible, to the individual constituents.

Acute Health Effects:

Swallowed: Expected to be of low toxicity. May cause nausea and abdominal discomfort.

Eye: May cause moderate irritation.

Skin: May cause mild skin irritation.

Inhaled: May cause mild irritation.

Chronic Health Effects:

Fungicides suspected of damaging fertility or the unborn child and suspected of causing mutagenic effects.

SECTION 12. ECOLOGICAL INFORMATION

Toxic to aquatic life with long lasting effects.

Contains zinc oxide and zinc phosphate.

This product should not be allowed to enter drains or water courses.

Zinc oxide toxicology:

Water flea (*Daphnia magna*) LC₅₀ 0.098 mg/L

Algae EC₅₀ 0.03 mg/L

Bioaccumulation: Not determined

Rapidly degradable - No

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods and containers Consult State Land Waste Management Authority for disposal.

Special precautions for landfill or incineration Incinerate residue at an approved site.
Recycle containers if possible, or dispose of in an approved landfill.

SECTION 14. TRANSPORT INFORMATION

UN Number Not regulated for transport by Road and Rail according to ADG 7 SP No. AU01.

UN Proper shipping name Not assigned

Class -

Subsidiary risk -

Packing Group -

Marine Pollutant Yes; Classified as Hazardous to the Aquatic Environment, both acute and chronic, Category 2.

Hazchem Code Not assigned

SECTION 15. REGULATORY INFORMATION

The hazardous components listed in Section 3 of this SDS appear in the Australian Inventory of Chemical Substances (AICS) database.

NZ Group Standard: HSR002670 Surface Coatings & Colourants (Subsidiary Hazard)

SECTION 16. OTHER INFORMATION

Date of Preparation: 26th March 2013

Replaces: 18th March 2010.

Literature references.

Preparation of Safety Data Sheets for Hazardous Chemicals. *Code of Practice 2011*.

Australian Dangerous Goods Code – 7th Edition.

SDS's for individual raw materials.

NZ SDS for this product.

Safe Work Australia Hazardous Substances Information System
<http://hsis.safeworkaustralia.gov.au/>

Standard for the Uniform Scheduling of Medicines and Poisons. No. 2

Globally Harmonized System of Classification and Labelling of Chemicals (GHS). Third Revised Edition. United Nations. New York and Geneva, 2009.

Hazardous Substances New Organisms NZ Database.

Abbreviations:

NOHSC National Occupational Health and Safety Commission

TWA Time weighted average

STEL Short term exposure limit

CAS Number Chemical Abstract Service registry number

Safety data sheets are updated frequently. Please ensure that you have a current copy.

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END OF SDS