Safety Data Sheet

SECTION 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name          GALVO ONE
Other Names           PAINT. Product Code 392000_
Recommended Use       Galvanised steel primer.
Company Name          Resene Paints (Australia) Limited.
Address               7 Production Avenue
                       Molendinar, Queensland 4214.
Emergency Tel          Available Monday – Friday, 8:00 a.m. – 5:00 p.m.
Free Call             1800 738 383
Phone                 07 3287 0222
Fax                   07 3287 0226

SECTION 2. HAZARDS IDENTIFICATION

Hazard Statement       HAZARDOUS SUBSTANCE. DANGEROUS GOODS.
                       According to the criteria of the Safe Work Australia and the ADG code.

GHS Classification     Flammable Liquid
                       Acute Toxicity - Oral
                       Skin Corrosion/Irritation
                       Serious Eye Damage/Irritation
                       Carcinogenicity
                       Sensitisation – Skin

Category 3
Category 4
Category 2
Category 2A
Category 2
Category 1

Label Elements

WARNING

Hazard Statements      Flammable liquid and vapour
                       Harmful if swallowed
                       Causes skin irritation
                       Causes serious eye irritation
                       Suspected of causing cancer
                       May cause an allergic skin reaction

Precautionary
                      Keep away from heat/sparks/open flames/hot surfaces
                      Keep container tightly closed
                      Ground/Bond container and receiving equipment
                      Use explosion-proof electrical/ventilating/lighting/…..equipment
                      Use only non-sparking tools
                      Take precautionary measures against static discharge
                      Wear protective gloves/eye protection/face protection and other personal protection as
                      required
                      Wash thoroughly after handling
                      Do not eat, drink or smoke when using this product
                      Avoid breathing vapour
SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>Name</th>
<th>CAS</th>
<th>Proportion (v/v) %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alkyd Resin</td>
<td>Proprietary</td>
<td>10 - &lt; 30</td>
<td></td>
</tr>
<tr>
<td>Naphtha (petroleum), hydrodesulfurized heavy</td>
<td>64742-82-1</td>
<td>10 - &lt; 30</td>
<td></td>
</tr>
<tr>
<td>Barium metaborate</td>
<td>13701-59-2</td>
<td>10 - &lt; 30</td>
<td></td>
</tr>
<tr>
<td>Solvent naphtha (petroleum), light aromatic</td>
<td>64742-95-6</td>
<td>&lt; 10</td>
<td></td>
</tr>
<tr>
<td>Methyl ethyl ketoxime</td>
<td>96-29-7</td>
<td>&lt; 1</td>
<td></td>
</tr>
<tr>
<td>Ingredients determined not to be hazardous</td>
<td>Proprietary</td>
<td>balance</td>
<td></td>
</tr>
</tbody>
</table>

SECTION 4. FIRST AID MEASURES

Swallowed
Rinse mouth with plenty of water then provide liquid slowly and as much as the person can comfortably drink. If swallowed DO NOT induce vomiting. If vomiting occurs, place person on their left side, tilt head back to maintain open airway and to prevent aspiration. Observe patient and seek medical advice.

Eyes
Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. If eye irritation persists, get medical advice or attention.

Skin (or hair)
Remove all contaminated clothing and wash before re-use. Wash skin with plenty of soap and water/shower. If skin irritation or rash occurs get medical advice or attention.

Inhaled
If breathing is difficult, remove to fresh air and keep at rest in a comfortable position for breathing. If experiencing respiratory symptoms: Call a POISON CENTRE or doctor/physician.

First Aid Facilities
Safety shower and eye wash facilities.

Aggravated medical conditions caused by exposure.
The normal routes of exposure are usually by skin contact with the material and/or inhalation of the vapour. Contact with skin or eyes may cause irritation. Prolonged or repeated skin contact with the liquid may cause sensitisation which may manifest as Allergic Contact Dermatitis and/or asthma. Inhalation of vapour or mists may cause irritation to the respiratory tract. Prolonged or repeated exposure may lead to sensitisation. Persons with a history of eczema are known to be sensitised to methyl ethyl ketoxime should consider not using this product. As with any chemical product, contact with unprotected bare skin; inhalation of vapour, mist or dust in the workplace atmosphere, should be avoided. Ingestion in any form can be avoided by observing correct occupational hygiene.

Advice to Doctor
Basic life support. Treat symptomatically.

SECTION 5. FIRE FIGHTING MEASURES

Extinguisher
Alcohol stable foam.
Dry chemical powder.
Carbon dioxide.
For large fires - water spray or fog.

Hazards from combustion products
On combustion, this product may emit toxic fumes of carbon monoxide (CO). May emit clouds of acrid smoke.

Special protective precautions and equipment
Wear breathing apparatus plus protective gloves.
Prevent, by any means available, spillage from entering drains or water course.
DO NOT approach containers suspected of being hot. May be violently or explosively reactive. Cool fire exposed containers with water spray from a protected location. If safe to do so, remove containers from path of fire.

Hazchem code 3[Y]

SECTION 6. ACCIDENTAL RELEASE MEASURES

Emergency procedures Remove all sources of ignition. Avoid breathing vapours and avoid contact with skin and eyes.

Environmental Precautions May pose a long term hazard on the aquatic environment. Prevent, by any means available, spillage from entering drains or water course.

Methods and materials for containment and clean up. Minor spills Contain and absorb small quantities with vermiculate or other non-flammable absorbent material. Wipe up. Collect residues in a flammable waste container.

Major spills Stop leak if safe to do so. Contain spill with sand, earth or vermiculite. Use only spark-free shovels and explosion proof equipment. Collect recoverable product into labelled containers for recycling. Collect solid residues and seal in labelled drums for disposal.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling Use in a well ventilated area. Avoid smoking, naked lights, heat or ignition sources. When handling, DO NOT eat drink or smoke. Vapour may ignite on pumping or pouring due to static electricity. DO NOT use plastic buckets. Use spark free tools when handling. Always wash hands with soap and water. Observe proper occupational work practices.

Conditions for safe storage including any incompatibilities Store in a metal can or drum in an approved flammable liquids storage area. Check all containers are clearly labelled and free from leaks. Keep containers securely sealed. Store in a cool dry, well-ventilated area, away from sources of ignition. Avoid storage with oxidisers.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National exposure standards for mixture No exposure standard has been established for this product. Exposed individuals are not reasonably expected to be warned, by smell, that the exposure standard is being exceeded. If the breathing zone concentration of ANY of the components is exceeded then the individual is deemed to be over exposed.

<table>
<thead>
<tr>
<th>Component</th>
<th>TWA</th>
<th>STEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solvent naphtha</td>
<td>ppm</td>
<td>mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td>790</td>
</tr>
</tbody>
</table>
Peak limitations

No peak limitations set.

Personal Protection

Eyes. Safety glasses with side shields; or as required, Chemical goggles. Contact lenses pose a special hazard; soft lenses may absorb irritants and all lenses concentrate them.

Hands/Feet Wear chemical protective gloves.
Wear safety footwear.

Other Overalls
Eyewash unit.

Respirator Selection of the Class and Type of respirator will depend on the level of confinement of the contamination. The local concentration of material, quantity and conditions of use determine the type of personal protective equipment required.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Grey viscous liquid</td>
</tr>
<tr>
<td>Odour</td>
<td>Mild solvent odour</td>
</tr>
<tr>
<td>pH</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>5.9 kPa</td>
</tr>
<tr>
<td>Vapour density</td>
<td>4.5</td>
</tr>
<tr>
<td>Boiling point</td>
<td>154°C</td>
</tr>
<tr>
<td>Freezing/melting point</td>
<td>0°C</td>
</tr>
<tr>
<td>Solubility</td>
<td>Insoluble in water</td>
</tr>
<tr>
<td>Density</td>
<td>1.311 kg/L</td>
</tr>
<tr>
<td>Flash Point</td>
<td>35°C</td>
</tr>
<tr>
<td>UEL</td>
<td>6.8%</td>
</tr>
<tr>
<td>LEL</td>
<td>0.5%</td>
</tr>
<tr>
<td>Auto ignition temperature</td>
<td>256 °C</td>
</tr>
</tbody>
</table>

SECTION 10. STABILITY AND REACTIVITY

Chemical stability Product is considered stable.

Conditions to avoid Ignition sources
Presence of incompatible materials.

Incompatible materials Flammable liquids should not be stored with:
Class 1 – Explosives
Class 2 – Flammable gases
Class 2.3 – Poisonous gases
Class 4.2 – Spontaneously combustible substances
Class 5.1 – Oxidising agents
Class 5.2 – Organic peroxides
Class 7 – Radioactive substances.

Hazardous decomposition products Oxides of carbon and nitrogen on combustion.

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, however, aspiration into the lungs when swallowed or vomited may cause chemical pneumonitis which can be fatal. Aspiration into the lungs is more dangerous than ingestion. Digestive symptoms may include nausea, vomiting and diarrhoea. Ingestion of large amounts may result in respiratory depression and may be fatal.

Eye: Irritating to the eyes causing pronounced inflammation.

Skin: Can cause moderate inflammation or the skin following direct contact. Systemic effects may result following skin absorption.

Inhaled: Inhalation of high concentrations may cause central nervous system depression resulting in headaches, dizziness, drowsiness and nausea. Continued inhalation may result in unconsciousness, coma and even death.

Solvent naphtha toxicity data:
- Oral LD₅₀ (rat): >2,000mg/Kg.
- Dermal LD₅₀ (rat): >2,000 mg/Kg

Chronic Health Effects:

This material contains methyl ethyl ketoxime which can potentially cause sensitisation by skin contact in some individuals. Exposure to a sensitizer, once sensitization has occurred, may manifest itself as a skin rash or inflammation or as an asthmatic condition, and is some individuals this reaction can be extremely severe.

Repeat exposure to high solvent vapour doses can affect the nervous system, or may cause liver or kidney damage.

Prolonged contact may cause defatting of the skin which can lead to dermatitis.

SECTION 12. ECOLOGICAL INFORMATION

Expected to be harmful to the environment with lasting effects.

Contain spillages. Prevent from entering drains, waterways, or sewers.

Dispose of as hazardous waste.

Solvent naphtha
- Fish: Toxic 1<LC/EC/IC₅₀ <= 10 mg/L
- Aquatic Invertebrates: Toxic 1<LC/EC/IC₅₀ <= 10 mg/L
- Algae: Toxic 1 <LC/EC/IC₅₀ > 10 mg/L

Persistence/Degradability and Mobility

Product is mobile and may contaminate groundwater.

The volatile component of this product is rapidly degraded in the atmosphere.

Has the potential to bioaccumulate.

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 | 1263 |
| UN Proper shipping name | PAINT |
| Class | 3 Flammable Liquid |
| Subsidiary risk | None |
| Poison Schedule | 5 |
SECTION 15. REGULATORY INFORMATION

FIRST AID

A  For advice, contact a Poisons Information Centre, Australia 13 1126, New Zealand 0800 764 766, or a doctor (at once).

G3  If swallowed, do NOT induce vomiting

SAFETY DIRECTIONS

1  Avoid contact with eyes.
4  Avoid contact with skin.
8  Avoid breathing dust, vapour or spray mist.

The principle components of this material are listed on the Australian Inventory of Chemical Substances (AICS).

SECTION 16. OTHER INFORMATION

Date of Preparation: 26th March 2013

Replaces: 18th March 2010

Literature references.


SDS’s for individual raw materials.

National Exposure Standards for Atmospheric Contaminants in the Occupational Environment. [NOHSC:1003(1995)]

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


Abbreviations:

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NOHSC</td>
<td>National Occupational Health and Safety Commission</td>
</tr>
<tr>
<td>ADG</td>
<td>Australian Code for the Transport of Dangerous Goods by Road &amp; Rail</td>
</tr>
<tr>
<td>LD₅₀</td>
<td>Median lethal dose</td>
</tr>
<tr>
<td>LC₅₀</td>
<td>Median lethal concentration</td>
</tr>
<tr>
<td>TWA</td>
<td>Time weighted average. The average airborne concentration of a particular substance when calculated over a normal 8 hour working day, for a five-day working week.</td>
</tr>
<tr>
<td>STEL</td>
<td>Short term exposure limit. A 15 minute TWA exposure which should not be exceeded at any time during a working day even if the average is within the TWA exposure standard. Exposures at the STEL should not be longer than 15 minutes and should not be repeated more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL.</td>
</tr>
</tbody>
</table>
Safety data sheets are updated frequently. Please ensure that you have a current copy.

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END OF SDS