

## IDENTIFICATION OF THE MATERIAL AND SUPPLIER

|  |  |
|--|--|
| 1.1 Product Identifier,                |  |
| <b>Product name</b>                    | <b>RUSTMASTERS METALMASTER</b>                                       |
| 1.2 Uses and users                     | Anticorrosive Paint  |
| 1.3 Details of supplier of the product |  |
| Supplier name                          | RUSTMASTERS PTY LTD  |
| Address                                | 59 Pine Avenue. Ulong. NSW Australia                                 |
| Telephone                              | 02 66 545422   |
| Email                                  | <a href="mailto:dick@rustmasters.com.au">dick@rustmasters.com.au</a> |
| Website                                | <a href="http://www.rustmasters.com.au">www.rustmasters.com.au</a>   |
| Telephone Emergency te                 |  |
| 61 02 545422                           |  |

## 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

CLASSIFIED AS HAZARDOUS ACCORDING TO SAFE WORK AUSTRALIA CRITERIA

**GHS classification(s)** Aspiration Hazard: Category 1  
Specific Target Organ Systemic Toxicity (Single Exposure): Category 3

### 2.2 Label

**Signal word** DANGER

**Pictogram(s)**



**Hazard statement(s)**

H304  
H336  
AUH066

May be fatal if swallowed and enters airways.  
May cause drowsiness or dizziness.  
Repeated exposure may cause skin dryness or cracking.

**Prevention statement(s)**

P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.  
P211 Do not spray on an open flame or other ignition source.  
P251 Pressurized container: Do not pierce or burn, even after use.  
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.  
P271 Use only outdoors or in a well-ventilated area.

**Response statement(s)**

P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  
 P304 + P340 IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.  
 P312 Call a POISON CENTER or doctor/physician if you feel unwell.  
 P331 Do NOT induce vomiting.

**Storage statement(s)**

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.  
 P405 Store locked up.  
 P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C.

**Disposal statement(s)**

P501 Dispose of contents/container in accordance with relevant regulations.

**2.3 Other hazards**

No information provided.

**3. COMPOSITION/ INFORMATION ON INGREDIENTS****3.1 Substances / Mixtures**

| Ingredient     | CAS Number    | UN Number | Content |
|----------------|---------------|-----------|---------|
| WHITE SPIRITS  | 8042-47-5     | 1300      | 30-60%  |
| DRYING ALKYDS  | 68459-31-4    | 1993      | 30-60%  |
| DRYING OILS    | None Assigned |           | <20%    |
| ZINC PHOSPHATE | -             | -         | <20%    |
| SOLVESSO 100   | 64742-95-6    | 244-166-4 | 1-9%    |
| ALUMINIUM      | -             | -         | <20%    |

**4. FIRST AID MEASURES****4.1 Description of first aid measures**

**Eye** If in eyes, hold eyelids apart and flush continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre, a doctor, or for at least 15 minutes.

**Inhalation** If inhaled, remove from contaminated area. To protect rescuer, use a Type A (Organic vapour) respirator or an Air-line respirator (in poorly ventilated areas). Apply artificial respiration if not breathing.

**Skin** If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by a Poisons Information Centre or a doctor.

**Ingestion** For advice, contact a Poisons Information Centre on 13 11 26 (Australia Wide) or a doctor (at once). If swallowed, do not induce vomiting.

**First aid facilities** Eye wash facilities should be available.

**4.2 Most important symptoms and effects, both acute and delayed**

See Section 11 for more detailed information on health effects and symptoms.

**4.3 Immediate medical attention and special treatment needed**

Treat symptomatically.

**5. FIRE FIGHTING MEASURES****5.1 Extinguishing media**

Dry agent, carbon dioxide or foam. Prevent contamination of drains and waterways.

**5.2 Special hazards arising from the substance or mixture**

Highly flammable Eliminate all ignition sources including cigarettes, open flames, spark producing switches/tools, heaters, naked lights, pilot lights, etc when handling..

**5.3 Advice for firefighters**

Evacuate area and contact emergency services. Toxic gases may be evolved in a fire situation. Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers and nearby storage areas.

**5.4 Hazchem code**

2Y  
2 Fine Water Spray.  
Y Risk of violent reaction or explosion. Wear full fire kit and breathing apparatus. Contain spill and run-off.

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**6. ACCIDENTAL RELEASE MEASURES**

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**6.1 Personal precautions, protective equipment and emergency procedures**

Wear Personal Protective Equipment (PPE) as detailed in section 8 of the SDS. Clear area of all unprotected personnel. Ventilate area where possible.

**6.2 Environmental precautions**

Prevent product from entering drains and waterways.

**6.3 Methods of cleaning up**

Contain spillage, then cover / absorb spill with non-combustible absorbent material (vermiculite, sand, or similar), collect and place in suitable containers for disposal.

**6.4 Reference to other sections**

See Sections 8 and 13 for exposure controls and disposal.

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**7. HANDLING AND STORAGE**

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**7.1 Precautions for safe handling**

Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

**7.2 Conditions for safe storage, including any incompatibilities**

Store in a cool (< 50°C), dry, well ventilated area, removed from incompatible substances, heat or ignition sources and foodstuffs. Ensure containers/ cans are adequately labelled, protected from physical damage and sealed when not in use. Check regularly for damaged/ leaking containers. Large storage areas should have appropriate fire protection systems.

**7.3 Specific end use(s)**

No information provided.

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**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

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**8.1 Control parameters****Exposure standards****Biological limits**

No biological limit values have been entered for this product.

**8.2 Exposure Controls Engineering Controls**

Avoid inhalation. Use in well ventilated areas. Where an inhalation risk exists, mechanical explosion proof extraction ventilation is recommended. Flammable/explosive vapours may accumulate in poorly ventilated areas. Vapours are heavier than air and may travel some distance to an ignition source and flash back. Maintain vapour levels below the recommended exposure standard.

PPE

|                    |   |
|--------------------|---|
| <b>Eye / Face</b>  | Wear splash-proof goggles.  |
| <b>Hands</b>       | Wear PVA or viton (R) gloves.   |
| <b>Body</b>        | When using large quantities or where heavy contamination is likely, wear coveralls.                         |
| <b>Respiratory</b> | Where an inhalation risk exists, wear a Type A-Class P1 (Organic gases/vapours and Particulate) respirator. |




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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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### 9.1 Information on basic physical and chemical properties

|                                  |                                  |
|----------------------------------|----------------------------------|
| <b>Appearance</b>                | SILVER / GREY LIQUID             |
| <b>Odour</b>                     | CHARACTERISTIC HYDROCARBON ODOUR |
| <b>Flammability</b>              | HIGHLY FLAMMABLE                 |
| <b>Flash point</b>               | 60 C                             |
| <b>Boiling point</b>             | 180°C (Approximately)            |
| <b>Melting point</b>             | NOT AVAILABLE                    |
| <b>Evaporation rate</b>          | NOT AVAILABLE                    |
| <b>pH</b>                        | NOT AVAILABLE                    |
| <b>Vapour density</b>            | NOT AVAILABLE                    |
| <b>Specific gravity</b>          | 1.0 (Approximately)              |
| <b>Solubility (water)</b>        | INSOLUBLE                        |
| <b>Vapour pressure</b>           | NOT AVAILABLE                    |
| <b>Upper explosion limit</b>     | 12 %                             |
| <b>Lower explosion limit</b>     | NOT AVAILABLE                    |
| <b>Partition coefficient</b>     | NOT AVAILABLE                    |
| <b>Autoignition temperature</b>  | NOT AVAILABLE                    |
| <b>Decomposition temperature</b> | NOT AVAILABLE                    |
| <b>Viscosity</b>                 | NOT AVAILABLE                    |
| <b>Explosive properties</b>      | NOT AVAILABLE                    |
| <b>Oxidising properties</b>      | NOT AVAILABLE                    |
| <b>Odour threshold</b>           | NOT AVAILABLE                    |

### 9.2 Other information

|                    |      |
|--------------------|------|
| <b>% Volatiles</b> | 57 % |
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## 10. STABILITY AND REACTIVITY

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**10.1 Reactivity** Carefully review all information provided in sections 10.2 to 10.6.

**10.2 Chemical stability** Stable under recommended conditions of storage.

**10.3 Possibility of hazardous reaction** Polymerization will not occur.

**10.4 Conditions to avoid** Avoid shock, friction, heavy impact, heat, sparks, open flames and other ignition sources.

### 10.5 Incompatible materials

Incompatible with oxidising agents (e.g. hypochlorites), acids (e.g. nitric acid), alkalis (e.g. sodium hydroxide), heat and ignition sources.

**10.6 Hazardous decomposition products** May evolve carbon oxides and hydrocarbons when heated to decomposition.

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## 11. TOXICOLOGICAL INFORMATION

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### 11.1 Information on toxicological effects

**Acute toxicity** Based on available data, the classification criteria are not met. This product may have the potential to cause adverse health effects if intentionally misused (e.g. deliberately inhaling contents).

**Information available for the ingredient(s):**

**Skin Eye** Irritating to the skin. Contact may result in irritation, redness, rash and dermatitis.

**Sensitisation** Irritating to the eyes. Contact may result in irritation, lacrimation, pain and redness.

**Mutagenicity** Not classified as causing skin or respiratory sensitisation.

**Carcinogenicity** Insufficient data available to classify as a mutagen.

**Reproductive** Insufficient data available to classify as a carcinogen.

**STOT - single exposure** Insufficient data available to classify as a reproductive toxin.

**STOT - repeated exposure** Over exposure may result in irritation of the nose and throat, coughing, nausea and headache. High level exposure may result in dizziness, drowsiness, breathing difficulties and unconsciousness.

**Aspiration** Repeated exposure may result in kidney, liver and Central Nervous System (CNS) damage.

Ingestion is considered unlikely due to product form. Aspiration or inhalation may cause chemical pneumonitis and pulmonary oedema.

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## 12. ECOLOGICAL INFORMATION

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### 12.1 Toxicity

Harmful to aquatic organisms.

### 12.2 Persistence and degradability

No information provided.

### 12.3 Bioaccumulative potential

No information provided.

### 12.4 Mobility in soil

No information provided.

### 12.5 Other adverse effects

If aromatic hydrocarbons are released to soil, they will evaporate from near-surface soil & leach to groundwater. Biodegradation occurs in soil & groundwater but may be slow, especially at high concentrations, which can be toxic to microorganisms. Will exist largely as vapour in air. Half life in atmosphere depends on particular hydrocarbon (eg 1-2 days (xylene); 3 hrs-1 day (toluene)).

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## 13. DISPOSAL CONSIDERATIONS

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### 13.1 Waste treatment methods

**Waste disposal** For small amounts, absorb contents with sand or similar and dispose of to an approved landfill site. Do not puncture or incinerate aerosol cans. Contact the manufacturer/supplier for additional information (if required).

**Legislation** Dispose of in accordance with relevant local legislation.

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## 14. TRANSPORT INFORMATION

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### **CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE**

**ADG Code:** This product is classified as a Dangerous Good DG special transport conditions are necessary.

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## 15. REGULATORY INFORMATION

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### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

|                             |   |   |
|-----------------------------|---|---|
| <b>Poison schedule</b>      | Classified as a Schedule 5 (S5) Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).   |   |
| <b>Classifications</b>      | Safework Australia criteria is based on the Globally Harmonised System (GHS) of Classification and Labelling of Chemicals.<br><br>The classifications and phrases listed below are based on the Approved Criteria for Classifying Hazardous Substances [NOHSC: 1008(2004)]. |   |
| <b>Hazard codes</b>         | F+  | Extremely flammable   |
|                             | Xi  | Irritant  |
|                             | Xn  | Harmful   |
| <b>Risk phrases</b>         | R12   | Extremely Flammable.  |
|                             | R65   | Harmful: May cause lung damage if swallowed.  |
|                             | R66   | Repeated exposure may cause skin dryness or cracking.   |
|                             | R67   | Vapours may cause drowsiness and dizziness.   |
| <b>Safety phrases</b>       | S16   | Keep away from sources of ignition - No smoking.  |
|                             | S23   | Do not breathe spray.   |
|                             | S24/25  | Avoid contact with skin and eyes.   |
|                             | S36   | Wear suitable protective clothing.  |
|                             | S46   | If swallowed, contact a doctor or Poisons Information Centre immediately and show container or label. |
| <b>Inventory listing(s)</b> | <b>AUSTRALIA: AICS (Australian Inventory of Chemical Substances)</b><br>All components are listed on AICS, or are exempt.   |   |

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## 16. OTHER INFORMATION

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### Additional information

#### PERSONAL PROTECTIVE EQUIPMENT GUIDELINES:

The recommendation for protective equipment contained within this report is provided as a guide only. Factors such as form of product, method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made.

#### HEALTH EFFECTS FROM EXPOSURE:

It should be noted that the effects from exposure to this product will depend on several factors including: form of product; frequency and duration of use; quantity used; effectiveness of control measures; protective equipment used and method of application. Given that it is impractical to prepare a report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

**Abbreviations**

|                   |   |
|-------------------|---|
| ACGIH             | American Conference of Governmental Industrial Hygienists                                       |
| CAS #             | Chemical Abstract Service number - used to uniquely identify chemical compounds                 |
| CNS               | Central Nervous System  |
| EC No.            | EC No - European Community Number   |
| EMS               | Emergency Schedules (Emergency Procedures for Ships Carrying Dangerous Goods)                   |
| GHS               | Globally Harmonized System  |
| GTEPG             | Group Text Emergency Procedure Guide  |
| IARC              | International Agency for Research on Cancer   |
| LC50              | Lethal Concentration, 50% / Median Lethal Concentration   |
| LD50              | Lethal Dose, 50% / Median Lethal Dose   |
| mg/m <sup>3</sup> | Milligrams per Cubic Metre  |
| OEL               | Occupational Exposure Limit   |
| pH                | relates to hydrogen ion concentration using a scale of 0 (high acidic) to 14 (highly alkaline). |
| ppm               | Parts Per Million   |
| STEL              | Short-Term Exposure Limit   |
| STOT-RE           | Specific target organ toxicity (repeated exposure)  |
| STOT-SE           | Specific target organ toxicity (single exposure)  |
| SUSMP             | Standard for the Uniform Scheduling of Medicines and Poisons                                    |
| SWA               | Safe Work Australia TLV   |
|                   | Threshold Limit Value   |
| TWA               | Time Weighted Average   |

**[ End of SDS ]**

PRODUCT NAME

**RUSTMASTERS METALMASTER**

NOTES