

## SAFETY DATA SHEET

### 1. IDENTIFICATION OF MATERIAL & COMPANY DETAILS

**Product Name: IRON GARD FACTORY FINISH ENAMEL**

Company Name: PaintMyMachine.com

Address: 601 Boundary Road, Darra, QLD 4076

Telephone Number: +61 438 277 955

Emergency Number: +61 438 277 955 (after hours)

### 2. HAZARDS IDENTIFICATION

HAZARDOUS SUBSTANCE-DANGEROUS GOODS:

Classified as hazardous according to criteria of ASCC.

Classified as dangerous according to Dangerous Good Code.

Xn Harmful

Xi Irritant

#### Risk Phrases:

R11 Highly Flammable.

R21/22 Harmful in contact with skin and if swallowed.

R36/37/38 Irritating to eyes, respiratory system and skin.

R41 Risk of serious eye damage.

R43 May cause sensitization by skin contact.

R46 May cause heritable genetic damage.

R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.

R51 Toxic to aquatic organisms

R53 May cause long-term adverse effects in the aquatic environment.

R63 Possible risk of harm to the unborn child.

R65 Harmful: May cause lung damage if swallowed.

R66 Repeated exposure may cause skin dryness and cracking.

R67 Vapours may cause drowsiness and dizziness.

#### Safety Phrases:

S2 Keep out of reach of children.

S7 Keep container tightly closed.

S9 Keep container in well ventilated place.

S13 Keep away from food, drink, and animal feeding stuffs.

S15 Keep away from heat.

S16 Keep away from sources of ignition-No smoking.

S23 Do not breathe gas/fumes/vapour/spray.

S24 Avoid contact with skin.

S25 Avoid contact with eyes.

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## 2. HAZARDS IDENTIFICATION

- S26 In case of contact with eyes, immediately rinse with plenty of water and seek medical advice.
- S27 Take off immediately all contaminated clothing.
- S29 Do not empty into drains.
- S33 Take precautionary measures against static discharges.
- S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
- S38 In case of insufficient ventilation, wear suitable respiratory equipment.
- S43 In case of fire use: Foam, Dry chemical powder, Carbon dioxide, Water spray or fog (for large fires only) as extinguishing media.
- S51 Use only in well ventilated areas.
- S61 Avoid release to the environment.
- S62 If swallowed, do not induce vomiting: seek medical advice immediately and show this label or can.

## 3. COMPOSITION/INFORMATION OF INGREDIENTS

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Proportion</u>
Styrenated Alkyd Resin	63148-69-6	50-70%
Pigments	Proprietary	10-30%
Liquid Hydrocarbons	64742-95-6	10-25%
Liquid Hydrocarbons	64742-94-5	1-5%
Alcohols	78-36-3	1-5%
Additives	Proprietary	1-5%

## 4. FIRST AID MEASURES

**Inhalation:** If inhalation of mists, fumes or vapour causes irritation to the nose or throat, or coughing, remove to fresh air. If symptoms persist, obtain medical advice.

**Skin:** Remove all contaminated clothing and footwear. Wash contaminated area thoroughly with soap and water as soon as reasonably practicable.

**Eyes:** 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.

**Swallowed:** Rinse mouth with water. Give water to drink. Do not induce vomiting. If vomiting occurs, place person's face

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## 4. FIRST AID MEASURES

downwards, head lower than hips to prevent vomit entering lungs. Seek medical advice.

**First Aid Facilities:** Ensure that an eye wash bath and safety shower, are readily accessible.

**Advice to Doctor:** Treat the patient symptomatically.

## 5. FIRE FIGHTING MEASURES:

Evacuate immediate area of non-emergency personnel.

On combustion the following products may be produced. Carbon Dioxide, Carbon Monoxide, Soot, Smoke.

Use foam, dry chemical or carbon dioxide extinguishers. Water spray may be used to cool containers to prevent vapour pressure build up. Wear full protective equipment including self-contained breathing apparatus.

## 6. ACCIDENTAL RELEASE MEASURES:

Eliminate all sources of ignition. Wear full protective equipment. Contain and absorb using earth, sand or other inert material, do not use sawdust, this is flammable. Transfer into containers for disposal according to local regulations. Do not allow product to enter drains or water courses. Immediately remove all contaminated clothing after containment.

## 7. HANDLING AND STORAGE:

Keep containers closed when not in use. Store product in accordance with State, or Territory Dangerous Goods regulations. Do not load on the same vehicle as Class 1, Class 2.1, Class 2.3, Class 4.2, Class 5.1, Class 5.2 or Class 7.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

No evaluated data available for **IRON GARD FACTORY FINISH ENAMEL**

### Hazardous Components Data:

Chemical Type:	CAS. No	TWA (Refer Section 16)	
		ppm	mg/m <sup>3</sup>
Liquid Hydrocarbon	64742-95-6	55	270
Liquid Hydrocarbon	64742-94-5	17	100
Styrenated Alkyd Resin (Xylene)	1330-20-7	80	350
Styrenated Alkyd Resin (Toluene)	108-88-3	50	191
Alcohols	71-36-3	50	152

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## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

Based on available information on hazardous components of this product, the recommended exposure limit, (TWA) is 100 ppm.

**Engineering Controls:** Use process enclosures, local exhaust ventilation or other engineering controls to maintain worker exposure to airborne contaminants below any recommended or statutory limits. Keep containers closed when not in use. Ensure exhaust air does not contaminate other work spaces.

Vapour heavier than air - Prevent vapours concentrating in work pits, tanks or sumps. DO NOT enter confined spaces where vapour may have collected.

Ensure electrical equipment is in accordance with applicable regulations.

Equipment used to transfer product should be adequately earthed.

Do not use near ignition sources.

**Personal Protection:** Avoid contact with skin and eyes. Wear suitable clothing such as impervious overalls, PVC, or Neoprene gloves, and safety goggles. Where workplace ventilation is assessed as inadequate and vapours/mists are generated, the use of an approved Half or Full Face Respirator with Type A-P Filter complying with Australian Standards AS1715/1716 is recommended. Select a filter suitable for organic gases and vapours rated for; [boiling point > 65°C]. If working in confined spaces with inadequate ventilation, wear an air-fed full face mask.

**Flammability:** Highly flammable. Avoid heat and sources of ignition. Container should be earthed when pouring.

## 9. PHYSICAL AND CHEMICAL PROPERTIES:

**Appearance:** Coloured viscous liquid.

**Boiling Point (°C):** 95

**Vapour Pressure:** Not available

**Specific Gravity:** 1.1 - 1.4 depending on colour

**Flashpoint (°C):** -1.0

**Auto-ignition temperature (°C):** 350

**Flammability Limits (% by Volume):** Not available

**Solubility in Water:** Nil

## 10. STABILITY AND REACTIVITY:

**Do not store:** In areas of extreme heat generated by naked flame or heating element.  
In the presence of incompatible materials.

**At Ambient Temperature:** Product is considered stable.  
Hazardous polymerisation will not occur.

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## 11. TOXICOLOGICAL INFORMATION:

**Acute - Swallowed:** May cause irritation to mouth, throat and digestive tract. Large dose may cause drowsiness and may lead to unconsciousness.

**Acute - Eye:** Irritating to the eyes.

**Acute - Skin:** Irritating to the skin. Has a degreasing action on the skin. Repeated or prolonged skin contact may lead to contact dermatitis and toxic effects.

**Acute - Inhaled:** Vapour may be an irritant to mucous membranes and respiratory tract.

Inhalation of vapour can result in headaches, dizziness and possible nausea. Inhalation of high concentrations can produce central nervous system depression, which can lead to loss of co-ordination, impaired judgement and, if exposure is prolonged, unconsciousness. Harmful if inhaled.

**Chronic:** Repeated or prolonged exposure to this chemical could result in central nervous system disorders.

## 12. ECOLOGICAL INFORMATION:

Prevent release into the environment.

Do not discharge into sewer or waterways.

May cause adverse effects to marine organisms.

May cause adverse effects to marine environment.

## 13. DISPOSAL CONSIDERATIONS:

Refer to State Land Waste Management Authority. Advice flammable nature of product.

Normally suitable for incineration by approved agent.

Recycle containers if possible, or dispose of in authorised landfill.

## 14. TRANSPORT INFORMATION:



Classified as Dangerous Goods by criteria of the Australian Dangerous Goods Code (ADG Code) for transport by road or rail.

**Product Name:** IRON GARD FACTORY FINISH ENAMEL

**Other Names:** Paint

**Manufacturer's Product Code:** 300

**UN Number:** 1263

**Packaging Group:** II

**Dangerous Goods Class & Subsidiary Risk:** 3

**Hazchem Code:** 3[Y]E

**Use:** Paint Related Material

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## 14: TRANSPORT INFORMATION:

### Air Transport IATA:

Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air; DANGEROUS GOODS.

**Product Name:** IRON GARD FACTORY FINISH ENAMEL

**ICAO/IATA Class:** 3

**Subsidiary risk:** None

**UN No:** 1263

**Packaging Group:** II

**Shipping name:** Paint Related Material

### Marine Transport:

Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; DANGEROUS GOODS.

**Product Name:** IRON GARD FACTORY FINISH ENAMEL

**UN No:** 1263

**Class-primary:** 3 Flammable Liquid

**Packing Group:** II

**Shipping Name:** Paint Related Material

**IMDG Marine Pollutant:** Yes

Do not load on the same vehicle as:

Class 1:	Explosives
Class 2.1:	Flammable Gases
Class 2.3:	Toxic Gasses
Class 4.2:	Spontaneously Combustible Substances
Class 5.1:	Oxidising Agents
Class 5.2:	Organic Peroxides
Class 7:	Radioactive Substances

## 15: REGULATORY INFORMATION:

**Poisons Schedule:** Not Allocated.

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## 16: OTHER INFORMATION:

**Safe Work Australia:** published the Approved Criteria for Classifying Hazardous Substances [NOHSC: 1008(1999)]. Section 4.76, this document outlines the criteria for classifying carcinogens as approved by the Australian government. This classification consists of three categories:

- Category 1: Substances known to be carcinogenic to humans.
- Category 2: Substances that should be regarded as if they were carcinogenic to humans.
- Category 3: Substances that have possible carcinogenic effects in humans but about which there is insufficient information to make an assessment.

Liquid Hydrocarbon component (CAS No. 64742-95-6):

Category 2: Substances that should be regarded as if they were carcinogenic to humans.

An increased tumour incidence has been observed in experimental animals; the significance of this finding to man is unknown:

R45 May cause cancer.

**All other product components are below minimum reportable Hazardous Concentration Cut-off Limits.**

**Hazardous Concentration Cut-off Levels:** A concentration cut-off level for a substance is the level (expressed as a percentage on a weight/weight basis for solids and liquids and a volume/volume basis for gases) at and above which that substance is classified as a hazardous substance.

A mixture is classified as a hazardous substance if it contains at least one ingredient at a concentration equal to, or above, the lowest concentration cut-off level given for that ingredient

**IRAC (International Agency for Research on Cancer) Product Listed Carcinogenicity:**

Liquid Hydrocarbon component (CAS No. 91-20-3, <0.2%):

Carc Group 2B: Possibly carcinogenic to humans.

R40: Limited evidence of a carcinogenic effect.

Liquid Hydrocarbon component (CAS No. 100-41-4)

Carc Group 2B: Possibly carcinogenic to humans. An increased tumour incidence has been observed in experimental animals; the significance of this finding to man is unknown.

Copolymer Resin component (CAS No.1330-20-7/108-88-3):

Carc Group 3: Not classifiable as to its carcinogenicity to humans.

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## 16: OTHER INFORMATION:

**I**  
**Depending on Colour and Gloss Level; Product may contain: (IRAC).**

Pigment component (CAS No.13463-67-7):

Carc Group 2B: Possibly carcinogenic to humans. This listing is based on inadequate evidence of carcinogenicity in humans and sufficient evidence in experimental animals. Furthermore, human epidemiology studies do not suggest an association between occupational exposure to titanium dioxide and risk of cancer.

Pigment component (CAS No. 1333-86-4):

Carc Group 2B: Possibly carcinogenic to humans. Carcinogenicity Assessment: Tumor development in rats caused by lung overload, no epidemiological evidence for lung tumors in humans.

Pigment component (CAS No.112926-00-8):

Carc Group 3: Not classifiable as to its carcinogenicity to humans.

Pigment component (CAS No.14807-96-6):

Carc Group 3: Not classifiable as to its carcinogenicity to humans.

**TWA:** Exposure standard-time weighted average; the average airborne concentration of a particle substance when calculated over a normal eight hour working day, for a five day week.

**ppm:** Parts of vapour or gas per million parts of contaminated air by volume.

**mg/m3:** Milligrams of substance per cubic metre of air at 25°C and one atmosphere pressure. When entry is in this column only the value is exact; when listed with a ppm value, it is approximate.

## CONTACT POINT

Technical Manager - Working hours +61 438 277 955  
- After hours +61 438 277 955

Although this information is presented in good faith and compiled from various sources believed to be accurate, PaintMyMachine.com makes no representations or warranty as to the completeness or accuracy thereof. As the product's performance and suitability depends on various factors, the purchasers of our product should determine for themselves whether the product is suitable for their use

**Hazardous according to criteria of Australian Safety Compensation Council**