

RUSTMASTERStm

MATERIAL SAFETY DATA SHEET

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COMPANY DETAILS

Company Name: RUSTMASTERS PTY LTD
Address: 39 PINE AVENUE, ULONG. NSW 2450
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1. IDENTIFICATION

Product Code: IS11
Product Name: **Rustmasters Timbcoat**
Other Names:
Un Number: 1263
Hazchem Code: 3T - Dilute
Dangerous Goods Class: 3.2
Poisons Schedule: Not Scheduled / Non –Toxic, Non-Acid, Non-Conductive
Packaging Group: III Pack size and container types,
4ltr tins, 20ltr and 200 ltr drums.

1.1 Physical Descriptions/Properties

Appearance: A pale red/golden colour, which when applied, becomes clear and transparent, with a semi-gloss lustre surface coating. Has a low aromatic odour when in liquid form but is harmless and not unpleasant.

Boiling point: 165°C
Melting point: 205°C
Vapour pressure (at 25°C): <10mm bar
Specific gravity: 0.88 kg/m³ (H₂O =1)
Flashpoint: 60°C. does not give off hazardous fumes when welded, or in fire.
Explosion Hazard: Nil
Flammability Limits: %Vol/Vol Lower 0.8 Upper 6.0
Auto ignition temperature: Did not ignite
Burn Rate: (inches/minute) – scorched when exposed to naked flame
Solubility In Water: <0.01 @20°C
Evaporation rate: LCF of butyl acetates <1-

1.2 Other Properties

Corrosiveness: RUSTMASTERS Timbcoat is not corrosive in any situation.
Reactivity: RUSTMASTERS Timbcoat should not be stored in or applied to any film plastic or foam/plastic containers, as it will cause the plastic, polystyrene or polyfoam to distort or container to implode.
Odor: 560mg/m³ (white spirits)
VOC Levels: .558 pounds per US gallon or 70.1 grams per litre (under January 1, 2000 (current) USA EPA Regulations).
PH: 7

1.3 Ingredients

Chemical Entity	Proportions
Hydrocarbons-40% and above aromatics.	1 – 9%
Hydrocarbon-Below 40% aromatics	30-60%
Alcohol	1 – 9%
Alkyd Resins-Pure drying Medium Oil	30-60%
Modified Resins	10-29%
Vegetable Oils	10-29%
Antioxidants	< 1%
Driers	1 – 9%
Surface Active Agents	< 1%

2. HEALTH HAZARD INFORMATION

2.1 Health Effects

Swallowed:

Whilst RUSTMASTERS is non-toxic, it will accelerate the saliva glands and cause excess saliva, and internal irritation to a small degree. Headache and dizziness may occur.

Eye:

Will cause eye irritation as product dries and becomes sticky/tacky. Have no lasting effects.

Skin:

Very mild irritation may occur as product dries on skin. Product attempts to close skin pores as it dries or becomes sticky/tacky. Have no prolonged effects and little to no skin absorption.

Inhalation:

Excessive inhalation in a confined space could cause headache, dizziness and mild irritation to the nasal passages and in very extreme prolonged situations unconsciousness could occur.

2.2 Health Effects – Chronic

RUSTMASTERS Timbcoat has no known chronic or long lasting effects that would prove hazardous to health.

2.3 First Aid

Swallowed:

Lie patient on their side to allow saliva flow/expectoration. DO NOT induce vomiting. Give milk or water. Seek medical attention. Remove patient to fresh air area.

Eye:

Irrigate continuously with water for fifteen (15) minutes. Seek medical attention.

Skin:

Remove excess with clean cloth containing white spirits, then wash thoroughly with soap and warm water.

Inhaled:

Relocate patient to well ventilated area. DO NOT induce vomiting. In extreme instance, artificial respiration may be necessary. Give milk or water only to ease any mild airway irritation. Patient should full recover in five (5) to ten (10) minutes; if not seek immediate medical advice.

2.3 First Aid Facilities:

Soap, water, white spirit, clean cloth, tongue depressor, dressings, medical burn and skin cream.

2.4 Advice to Doctor:

Treat symptomatically based on judgement of doctor individual reactions of patient.

2.6 Toxicity Data

Product has no known toxicite.

3. PRECAUTIONS FOR USE

3.1 Exposure Standards:

No value assigned for this specific material by the National Health and Medical Research Council. For constituents; threshold limit value (T.L.V.): (STODDARD) solvent 100PPM:435 mg/m³ as published by the National Health and Medical Research Council.

T.L.V. is the time weighed average concentration or the work atmosphere for a normal eight hour work day and a forty hour work week, to which nearly all workers may be repeatedly exposed day after day, without adverse effect.

3.2 Ventilation:

RUSTMASTERS Timbcoat vapour can cause mild eye, nose and mouth irritation in very confined spaces. Good ventilation will eliminate this problem as mist spray vapours are lighter than air and are quickly dissipated. In enclosed areas the use of a disposable nose and mouth mask is the maximum that is required.

3.3 Personal Protection:

RUSTMASTERS is a very low mild irritant, which will do no permanent damage it is advisable to take the following precautions for personal protection and safety.

1. When handling the product use approved PVC/rubber gloves and wrap-around eyes protection.
2. When spraying, wear dust mask and wrap-around eye protection. No special clothing or footwear is required. NOTE: masks and eyewear to comply with AS1337.

3.4 Flammability:

Fire hazards, Products is non-flammable according to the Australian Code for the Transport of Dangerous Goods. However, RUSTMASTERS will burn in a general fire.

4. SAFE HANDLING INFORMATION

4.1 Storage / Transport:

Store in a cool dry area under normal conditions. No specific siting other than keeping away from acids and corrosive materials due to metal containers. DO NOT store in plastic containers. Ensure that the lids and caps are secure, to prevent spillage. Containers may be stacked to a safe and reasonable height. Transportation of goods under CLASS 3T-2 and all cartons, drums and pails are marked accordingly. SHELF LIFE: 3 YEARS MINIMUM.

4.2 Packaging / Labeling:

Un Number:	1263
Hazchem Code:	3T - Dilute
Dangerous Goods Class:	3.2
Poisons Schedule:	None Allocated - Non -Toxic, Non-Acid, Non-Conductive
Packaging Group:	III Pack size and container types, 4ltr tins, 20ltr and 200 ltr drums.
Shipping Name:	None Allocated

4.3 Spills and Disposal:

Spillage: Scoop into clean, dry, steel containers with tight fitting lids for use or disposal. Avoid generation of sparks during dust clean up. Use non-conducting equipment

Disposal: Dispose of in accordance with Local, State and Federal regulations.

4.4 Fire and Explosion Hazard:

RUSTMASTERS is a non-explosive substance, will burn creating smoke. Decomposition or byproducts: Carbon monoxide, carbon dioxide, phenolics, fumes, smoke. When set alight, the fumes are a minimum health risk, although they could irritate, should people suffer allergies, therefore normal protective breathing masks (A.S. approved - AS1716) plus fire safety clothing is recommended. No special storage requirements necessary.

4.5 Fire Fighting Recommendations:

Evacuate the immediate area. Shut off all electrical sources whilst the combustion hazard is low to medium, the product will emit a medium density black smoke and the burnt out product will leave a light soot deposit. Attack the fire from an up-wind position when possible. Use an absorbent - sand, soil or similar. Use CO², DRY CHEMICAL, B.C.F. or FOAM. DO NOT aim extinguisher at seat of fire but attack from the edge to allow the contents of the extinguisher to "roll over" the fire and blanket the burning material. By attacking the seat (or centre) of the fire the extinguisher propellant can spatter the burning material over a wider area, causing minor fire outbreaks. To drums/tins of RUSTMASTERS within the vicinity of the fire: WATER SPRAY to keep contents cool. ADVISE EMERGENCY SERVICES if the fire is large, or cannot be contained by equipment or personnel available. Fire Fighters should wear respirators of type AS 1716 if the fire is in an enclosed area. Wrap-around safety glasses (AS 1337 standards) should be worn. asbestos type gloves only should be worn in this instance only: other types may be better for working with the product ie., nitrile rubber, neoprene or pvc gloves are recommended. TYPE AS 2210 FOOTWEAR should be worn by all in the vicinity of the fire.

5. OTHER INFORMATION

In recent tests carried out on Asbestos Fibre Roofing, approximate 40+ years old, using RUSTMASTERS as a total rust sealant/encapsulator, both sides of the sheeting were treated, and upon examination, it was evident that RUSTMASTERS had totally penetrated the sheeting, locking every fibre on to and within the surfaces. RUSTMASTERS therefore is the ideal pre-treatment prior to the dismantling and disposal of A/C Fibre material, eliminating any health risk arising by breakage, accidental or otherwise. Treatment of asbestos roof/wall sheeting: - do not clean by water pressure, brushing, washing or sweeping/scrubbing, as fibres will pollute air and waterways. Pre-cleaning should only be with the use of the special vacuum cleaner developed for this purpose. (Information supplied on request) Whilst vacuuming has certain advantages, RUSTMASTERS can, and has been, applied directly on to non-cleaned surfaces using air-less spray equipment, and has bonded and sealed all surface impurities to the surface without fibre disturbance.

5.1 Contact Points

Contact

AUSTRALIAN POISONS INFORMATION CENTRE
24 HOUR SERVICE 13 11 26
POLICE OR FIRE BRIGADE 000 exchange 1100

NEW ZELANDPOISONS INFORMATION CENTRE
NORMAL HOURS 03 479 1200
EMERGENCY 03 474 0999

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