

# TECHNICAL DATA SHEET

Dy-Mark (Aust) Pty Ltd

PO Box 1556 Toowong 4066

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[www.dymark.com.au](http://www.dymark.com.au)



## Dy-Mark Zinc Guard™ RUST CONVERTER (Aerosol)



**Dy-Mark Zinc Guard RUST CONVERTER** is a tannic acid based rust converter specially formulated for the treatment of rusted surfaces. In one easy step, **Zinc Guard Rust Converter** chemically reacts with the rust to form a black inert organic compound that binds to the surface and provides a barrier by sealing out moisture for effective rust protection. Suitable for use under most paint systems. For superior protection it is recommended to overcoat with **Dy-Mark Zinc Guard Primer** and then either with **Dy-Mark Zinc Guard Quick Dry** or **Dy-Mark Zinc Guard Epoxy** range of topcoat colours within 3 months of surface preparation with **Zinc Guard Rust Converter**.

**Zinc Guard Rust Converter** is ideal for use on gutters, roofs, garden furniture, fencing, gates, trailers, machinery and equipment.  
Does not contain Phosphoric acid.

### DIRECTIONS FOR USE

#### Suitable Surfaces:

Rusted steel (ferrous) surfaces. Should only be applied to rusted surfaces. NOT to be used as a rust preventative coating on clean steel.

Not recommended for permanent immersion in fresh or salt water.

Note: Rust converter may not prevent further rusting when applied to heavy rust scale.

#### Ideal Application Temperature:

Between 10°C and 30°C. Surface must be cool. Do not apply to hot surfaces. Avoid use in windy conditions.

#### Preparation:

Surface should be clean, dry and free from contaminants such as oil, grease, dirt, dust and salt.

Remove all loose and heavy rust scale and flaking paint with a wire brush, scraper or mechanical sander. Rinse with water or solvent to remove loose particles. Allow to dry.

#### Application:

Before spraying, cover surrounding areas to protect from overspray. **Shake** can for at least 45 seconds **AFTER** the mixing ball begins to rattle. Shake the can occasionally during use. Hold the can upright approximately 20-25cm from the surface. Spray with a smooth sweeping motion. To prevent paint from sagging, apply multiple coats to saturate the rust, allowing 4-5 minutes between coats. Adjust red insert on nozzle to achieve desired spray pattern. Use horizontal setting to spray up and down and the vertical setting to spray left to right. The rusted areas of the surface will turn predominantly black.

#### Coverage:

Approximately 2m<sup>2</sup> per can (depending on the surface and amount of overspray).

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## Drying Time:

Touch dry in 20 minutes (25°C)

Recoat within 1 hour

Full dry in 24 hrs

Drying will be slower in cold and humid conditions, in the absence of ventilation or where heavy film build is applied.

## Overcoating:

Ensure **Dy-Mark Zinc Guard Rust Converter** is thoroughly dry before applying primers and topcoats.

With single pack paints, (Enamels, modified Alkyds, solvent based Acrylics), allow minimum drying time of 3 hours (25°C) before applying primers and topcoats.

For 2 pack paints, (epoxy, urethane), allow a minimum of 24 hours drying time (25°C) before applying primers and topcoats.

Staining may occur if over coated with light colours. Please use primer.

**Zinc Guard Rust Converter** may be left up to 3 months before priming and topcoating. Do not sand Rust converter. **Do not apply zinc rich primers**, (Dy-Mark Zinc Guard Cold Galvanising Coating), over Zinc Guard Rust converter.

## After Spraying:

**Prevent blocking** by holding the can upside down and spraying until only clear gas escapes. Also **wipe spray tip** of nozzle clean. **Clean up** wet paint with Mineral turps or General Purpose thinner.

## TECHNICAL DATA

<b>Size:</b>	350g Aerosol
<b>Colour:</b>	Clear (Turns Black on application to rusted areas)
<b>Finish:</b>	Matt
<b>Consistency:</b>	Liquid
<b>Propellant:</b>	Dimethyl ether
<b>Active ingredient:</b>	Tannic Acid
<b>Shelf Life:</b>	4 years

## STORAGE

Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store in well-ventilated place.

## DISPOSAL

Dispose of contents/empty aerosol container according to regional regulations. Spray unwanted paint onto newspaper, allow to dry and dispose of via domestic waste collection. Empty aerosol cans are recyclable via steel can recycling programs.

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## FIRST AID / SAFETY INFORMATION

Please refer to Safety Data Sheet before use. Safety data sheets are available from our website [www.dymark.com.au](http://www.dymark.com.au) or from the following QR code:



**Contact a POISONS INFORMATION CENTRE: Australia 13 11 26, New Zealand 0800 764 766** or a doctor/physician/first aider if you feel unwell.

Intentional misuse by deliberately inhaling contents can be harmful or fatal.

**KEEP OUT OF REACH OF CHILDREN.**

## DISCLAIMER

The information provided within this Technical Data Sheet is intended as a guide only. The performance of this product will depend on many factors outside the control of Dy-Mark; including surface preparation, surface-specific conditions, surface types, correct application and environmental conditions.

Dy-Mark recommends customers undertake their own risk assessment prior to use, to determine the suitability of the product for the particular use intended.

It is essential that a sample of the product be applied to the intended area of use to ensure it is acceptable in appearance and finish and that it performs on the specific surface.

For further information please contact the Dy-Mark Sales and Customer Support Centre on 1300 396 275.