

ENDRUST® RXCLEAR AERO

Anti-Corrosive Clear Coat — Aerosol

TECHNICAL
DATA SHEET
TDS-RXCLEAR AERO

PRODUCT DESCRIPTION

ENDRUST® RXCLEAR AERO puts the same fast-curing, resin-based RXCLEAR clear coat into a convenient aerosol pack for touch-ups, repairs and small areas. It penetrates surface rust, inhibits and encapsulates corrosion, and forms a durable gloss barrier that seals out moisture while preserving the appearance of the surface underneath.

Each can is filled with 150 mL of bulk ENDRUST® RXCLEAR and charged with a dimethyl ether / acetone propellant blend. For large areas, use bulk RXCLEAR by conventional or airless spray.

FEATURES & BENEFITS

- Clear gloss finish — hard-wearing coat that does not significantly alter the look of the surface
- Ready to use — no thinning, mixing or spray equipment needed
- Inhibits and encapsulates rust — penetrates surface rust and seals out moisture
- UV resistant — high-grade clear resin for long-term outdoor durability
- Fast curing — touch dry in about 10 – 15 minutes at 25°C
- Ideal for touch-ups — matches work done with bulk RXCLEAR

APPLICATIONS / RECOMMENDED USES

- Touch-ups and repairs on vehicles, trailers and equipment coated with RXCLEAR
- Small parts, brackets, fasteners and hard-to-reach areas
- Sealing lightly rusted or previously painted metal where a clear finish is wanted
- Workshop, field-service and retail use

TECHNICAL SPECIFICATIONS

PROPERTY	VALUE	PROPERTY	VALUE
Colour / Finish	Clear / Gloss	Pack Size	300 g aerosol
Coating Fill	150 mL RXCLEAR per can	Propellant	Dimethyl ether / acetone
DFT (per full coat)	20 – 25 micron	Coverage	~0.75 m ² per can @ 25 micron DFT (theoretical)
No. of Coats	1 mist coat + 1 – 2 full coats	Recoat	When touch dry
Touch Dry	10 – 15 minutes @ 25°C	Dry to Handle	2 – 3 hours
Hard Dry	8 hours @ 25°C	Clean-up	Xylene or Acrylic Thinners
Application Temp.	10°C min.; 85% RH max.	Storage	Below 50°C, upright, away from ignition sources

PERFORMANCE

PERFORMANCE PROPERTY	RATING
Temperature Resistance	Up to 120°C dry heat (cured film)
Abrasion Resistance	Good
Weatherability	Good — UV resistant
Solvent Resistance	Moderate — resists alcohols, mineral turps and enamel thinners; not resistant to aromatic solvents, ketones, esters or chlorinated solvents
Chemical Resistance	Moderate — resists rain and condensation; not resistant to strong acids or alkalis; not suitable for prolonged immersion

SURFACE PREPARATION

Surfaces must be dry and free of oil and grease. Remove loose paint and rust with a wire brush. RXCLEAR AERO can be applied over new steel, sound existing paint and rusted surfaces.

Previously coated surfaces must be in sound condition. Lightly scarify smooth, hard or glossy finishes with a fine (grey) Scotch-Brite pad to provide a key. Mask surrounding areas to protect them from overspray.

APPLICATION

Shake the can vigorously for at least 1 minute after the mixing ball rattles, and shake regularly during use. Spray a test patch first. Hold the can upright 20 – 30 cm from the surface and apply light, even passes, overlapping each pass by about half. Apply a light mist coat, allow it to flash off for 5 – 10 minutes, then apply full coats. Heavy single coats will run and take longer to dry. After use, invert the can and spray for 2 – 3 seconds to clear the nozzle. Recoat when touch dry.

Use with can and surface temperature between 15°C and 25°C for best spray pattern. Do not apply below 10°C, above 85% relative humidity, onto hot surfaces or in direct strong sunlight. Use only in a well-ventilated area. Clean overspray and tools with Xylene or Acrylic Thinners.

Aerosol Application Guide

STEP	TECHNIQUE	PRESSURE
Distance	Hold can 20 – 30 cm from the surface	Can pressure
Mist coat	One light pass; flash off 5 – 10 min	Can pressure
Full coats	Even, overlapping passes; avoid runs	Can pressure

SAFETY & HANDLING

- DANGER — extremely flammable aerosol. Pressurised container: may burst if heated. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use.
- Causes skin and serious eye irritation. May cause respiratory irritation, drowsiness or dizziness. Prolonged or repeated exposure causes damage to the central nervous system.
- Use only outdoors or in a well-ventilated area — do not spray in confined spaces or pits where propellant can collect. Wear a suitable respirator if ventilation is limited.
- Wear solvent-resistant gloves, eye protection and protective clothing.
- Harmful to aquatic life — avoid release to drains and waterways. Keep out of reach of children.
- Read the ENDRUST® RXCLEAR AERO Safety Data Sheet before use. Do not use the bulk RXCLEAR SDS for the aerosol.

STORAGE & SHELF LIFE

Store upright in a cool, dry, well-ventilated area below 50°C, away from direct sunlight, heat and ignition sources. Do not pierce or burn, even when empty. Store as Class 2.1 Aerosols. Contact Endrust Australia for shelf life information.

ENDRUST AUSTRALIA

23b Fairbrother Street, Belmont WA 6104
Tel: (08) 6365 5123
info@endrust.com.au
www.endrust.com.au

ENDRUST

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