

RUST CONVERTER, aerosol

TECHNICAL DATA SHEET



Stock	Product	Color	Size
RC51-SP	Rust Converter, aerosol	Transparent	10 oz (283 g)

DESCRIPTION:

Rust Converter (RC51-SP) is a film forming product specially designed to convert rusted iron and steel substrates into a paintable, permanent protective coating. Rust Converter will stop rust, protect the surface and acts as a primer for application of a top coat. This product is not intended for use on clean metal or galvanized steel.

FEATURES:

- Ready to spray, easy to apply;
- Minimal surface preparation;
- Neutralizes rust to leave a permanent black protective coating;
- Acts as a bonding agent for enamel, epoxy and urethane top coats;
- VOC compliant

DIRECTIONS FOR USE

SURFACE PREPARATION:

1. Remove all dirt, grease, oil by washing the area to be treated with soap and water. Rinse thoroughly with fresh water and allow to completely dry.
2. Remove all loose rust and paint with a wire brush. Scuff or sand glossy or hard surfaces. Remove all dust with a clean cloth and clean the surface with Panel Prep (SP-522 or KW912-GL).
3. Use only on rusted surfaces. Mask off any surrounding areas not to be coated with spray mist.

APPLICATION:

1. Agitate can thoroughly for at least 1 -2 minutes.
2. Spray a single light coat with can about 12 inches from the surface. Use a steady back and forth motion keeping the can the same distance from the surface and slightly overlapping each stroke.
3. For heavy rust it may be necessary to repeat application after 2 – 4 hours dry time. Over application will cause slow drying and produce a gummy film.
4. When finished, turn can upside down and spray about 2-3 seconds to clean out valve.
5. Allow a minimum of 24 hours drying time before top coating.

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TYPICAL PROPERTIES:

Color	Transparent to light yellow
Chemical Base	Nitrocellulose
Spray Pattern	Mist spray
Touch Dry	3 – 4 hours [1]
Full Cure (Top coat time)	24 hours [1]
Product-Weighted Reactivity (PWR)	0.78 – 0.80 g O ₃ / g product [2]
Product-Weighted MIR (PWMIR)	≤0.70 g O ₃ / g product [3]
VOC Content, less exempt solvents	38 – 39 % w/w (<320 g/l)
Net Packaging	283 g (10 oz)

[1] Times stated are at 72°F (22°C). Times may vary depending on film build, temperature, and air flow.

[2] Category: Primer; 1.20 PWR maximum limit applies under US EPA.

[3] Category: Primer; 0.70 PWMIR maximum limit applies in CA.

STORAGE AND HANDLING:

Contents under pressure. Do not place in hot water or near radiators, stoves, or other sources of heat. Do not puncture or incinerate container or store at temperatures over 50°C. Store in a well-ventilated area away from heat, sparks or flames. The packaging must be protected from direct sunlight and heat. Store in a cool, well-ventilated environment.

SAFETY PRECAUTIONS:

Contains acetone, dimethyl ether and 2-propoxyethanol. DANGER: Extremely flammable. Contents under pressure. May be harmful if inhaled. Use under well-ventilated conditions away from heat, sparks or flames. Avoid eye contact and prolonged contact with the skin. In case of eye contact, flush thoroughly with water for 15 minutes and get medical attention if irritation persists. If swallowed, seek medical advice immediately and show this container label. **KEEP OUT OF REACH OF CHILDREN.**

For more information, please see our latest safety data sheet.

All figures, recommendations and safety precautions are based on thorough investigations and our actual experience and are without engagement. Although the documentation has been set up with most carefulness, we do not accept any responsibility for mistakes, inaccuracies or printer's errors. We reserve the right to adjust the product, whenever we feel necessary. Because the design, the quality of the substrate and the conditions during application fall beyond our control, no responsibility for executed works can be accepted on the basis of this documentation. We therefore recommend to carry out own tests on the spot.