



RUST ARRESTOR V180

Features

- Chemically converts rust to inhibit corrosion
- Forms a tight chemical bond to rusted surfaces
- Penetrates into tight areas
- Suitable for use in USDA inspected facilities
- Can be top coated with latex, alkyd, urethane, or epoxy finishes

Recommended For

Steel & Iron. Corotech® Rust Arrestor is to be applied on tight adhering rusted steel surfaces such as structural steel, angle iron, conveyors, pipes, valves, fittings, duct work, fences, guard rails, wrought iron, grating, equipment, outdoor sign supports and frame work, tanks, etc.

General Description

Rust Arrestor is a water-based, film-forming primer that chemically transforms rust, halting the corrosion process and enabling the surface to accept a topcoat. When applied over tightly adhering rust, it forms a black, protective film.

Limitations

- Apply when air and surface temperatures are between 50°F and 90°F.
- Do not apply if rain is threatening.
- Not recommended for immersion service.

Product Information

Colors — Standard:

Greenish/Brown cast (00)

— Tint Bases:

N/A

Do not tint.

— Special Colors:

Contact your retailer.

Certification:

The products supported by this data sheet contain a maximum of 100 grams per liter VOC / VOS (0.83 lbs. /gal.) excluding water & exempt solvents.

This product is compliant under the Ozone Transport Commission regulations as a Primer/Sealer/Undercoater.

Suitable for use in USDA inspected facilities

Technical Assistance:

Available through your local authorized independent Benjamin Moore® retailer. For the location of the retailer nearest you, call 1-800-225-5554, or visit www.benjaminmoore.com

Technical Data◇

Greenish/Brown cast

Vehicle Type Latex

Pigment Type N/A

Volume Solids 23.0 ± 1.0%

Coverage per Gallon at Recommended Film Thickness 300 – 400 Sq. Ft.

Recommended Film Thickness
– Wet 4.0 - 5.3 mils
– Dry 0.9 - 1.2 mils

Depending on surface texture and porosity.

Dry Time @ 77°F (25°C) @ 50% RH
– Tack Free 3 Hours
– To Recoat 4 – 6 Hours
– Full Cure 7 – 10 Days

High humidity and cool temperatures will result in longer dry, recoat and service times.

Dries By Chemical Reaction

Viscosity 58 – 62 KU

Flash Point Greater than 200°F (TT-P-141, Method 4293)

Gloss 5 – 10 units @ 60 °

Surface Temperature at Application
– Min. 50°F
– Max. 90°F

Thin With Not Recommended (Water)

Clean Up Thinner Water

Weight Per Gallon 9.5 lbs.

Storage Temperature
– Min. 45°F
– Max. 95°F

Volatile Organic Compounds (VOC)

98 Grams/Liter 0.82 Lbs./Gallon

◇ Reported values are for Greenish/Brown cast. Contact retailer for values of other bases or colors.

Rust Arrestor V180

Surface Preparation

Remove loose rust, mill scale, failing paint, dust, dirt and any other surface contaminants by scraping or wire brush. If there is oil or grease on the surface, remove these contaminants by washing the surface with Corotech® V600 Oil & Grease Emulsifier. Rinse thoroughly with clean water and allow it to dry.

IMPORTANT: There must be tight adhering rust present on the surface to be primed or the rust conversion process will not occur. If Corotech® Rust Arrestor turns black (usually within 30 minutes) the conversion process was successful and a top-coat can be applied in 4 to 6 hours. If Corotech® Rust Arrestor does not turn black, allow a minimum of 24 hours dry time before top-coating or "bleeding" may occur.

WARNING! If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

Application

Shake this product well before beginning the application process. Corotech® Rust Arrestor may be applied by brush, roller or spray. For brush or roller application, pour Corotech® Rust Arrestor into a non-metallic container and apply the product evenly over the tight adhering rusted surface. The product will dry to a black film in about thirty minutes. Do **not** return any unused working material to the original container or contamination of the converter will occur and render the material unusable.

Corotech® Rust Arrestor may be applied by airless, HVLP or conventional spray. Apply the product quickly and clean the equipment immediately after completion. Flush the equipment with clean water, particularly all metal parts coming into contact with the converter.

Apply when air and surface temperatures are between 50°F and 90°F. Do not apply if rain is threatening.

TEST DATA	
Dry Heat Resistance	200° F (93 °C)
Wet Heat Resistance	140° F (60 °C)
CHEMICAL RESISTANCE GUIDE (NON-IMMERSION)	
Fresh Water	See Finish Coat Data Sheets for Resistance Information.
Salt Water	
Acids	
Alkalies	
Solvents	
Fuel	
Acidic Salt Solutions	
Alkaline Salt Solutions	
Neutral Salt Solutions	

SYSTEMS RECOMMENDATIONS
COMPATIBLE FINISHES
V200 Line, V201, V230 Line, V231 Line, V220 Line, V300 Line, V330 Line, V331 Line, V400 Line, V410, V440 Line, V500 Line, V510 Line, V520 Line, 540 Line, and Other Acrylics & Alkyds

Clean Up

Clean with water.

Environmental Health & Safety Information

Warning

Suspected of damaging fertility or the unborn child

Prevention: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required.

Response: If exposed or concerned, get medical attention.

Storage: Store locked up.

Disposal: Dispose of contents/container to an approved waste disposal plant.

WARNING: This product contains a chemical known to the state of California to cause cancer and birth defects, or other reproductive harm.

This document represents hazards of the product referenced above. Refer to the individual Safety Data Sheet for hazards of the specific product you will be using.

**KEEP OUT OF REACH OF CHILDREN
KEEP FROM FREEZING
FOR PROFESSIONAL USE ONLY**

**Refer to Safety Data Sheet for
additional health and safety information.**