



PRODUCT DATA SHEET

Description Corroserveal® is a water based rust converter combined with a non pigmented high quality latex metal primer. The converter segments turn rust into a barrier layer of black non rusting magnetite. The primer acts as a bonding agent for oil-based intermediate and finish coatings of epoxy, enamel, acrylic, polyurethane and moisture-cured urethane, and with water based coatings not subject to tannin staining. Water based coatings may require an oil based stain blocker as an intermediate application. Corroserveal® is non flammable and non corrosive.

DOT shipping classification 55 Universal Customs Code 3810.10

- 82320 1 Quart jug
- 82331 1 Gallon jug
- 82335 5 Gallon pail
- 82323 52 Gallon drum

Basic Use Corroserveal® is recommended for use on rusted or partially rusted steel surfaces as a converter / paint primer, and as an etch primer on aged tight paint of any color, and as a sealer on non ferrous metals such as some aluminum, copper, and brass. Protects against future rusting. Not recommended for outside hull underwater applications. Can be used on welds. Eliminates need to mechanically blast to white metal in many instances.

Mixing Instructions Do NOT use in direct contact with food or potable water

Properties

VOC gr/L	82.50	Volume Solids ±2%	31.30	Odor	Mild
VOC lbs/G	0.69	Weight Solids ±2%	38.90	Thinning	DO NOT THIN.
MPI #		Spread Rate	200.0	Weight	9.40
Gloss 60°		Wet Film Thickness	8-10 mils	Viscosity	300 cps
Sheen 85°		Dry Film Thickness		Resistance	
Tinting Type		Toxic Properties		Cleanup	Soap and Water
Local Harvest	34.9% WT	Light Reflectance		Packaging	qts,one, five&drums
pH	3.0	Pigment Solids		Flash Point	>200 F
HAP Content		Pigment Volume		H2O Vap	

Dry Times

Keep from freezing, Apply at 45°F and rising and below 100°F(7°-37°C) and falling. Test over zinc based coatings as some galvanizing reject Corroserveal® chemistry. Do not apply onto zinc chromate or phosphates, lead, magnesium, copper powder, graphite, borate pigments. Chromate-treated (pickled) prefabricated steel building cold rolled perlins and gutters are to remain dry until top coated. Cold rolled steel can require abrading to anchor profile and degrease.

Dry To Touch	30 Minutes	Dry To Sand		Tack Free	
Dry To Recoat		Dry To Topcoat	24 hours minimum, up to 30 day	Dry To Hard	40 - 60 minutes

Prep & Prime

Remove all salt, loose rust, mill scale, dirt, grease, oil, old paint and other deposits. Apply non-solvent cleaner according to manufacturer's directions and rinse. A residue free surface is essential before coating application begins. The surface should be a CLEAN, TIGHT RUST.

Application

Brush, roll or spray undiluted Corroserveal® in a heavy white coat with no surface show through at 8-10 mils wet film thickness. When black color appears, rust conversion has started. Wait at least 24 hours before top coating. A second coat of Corroserveal® may be applied while first coat is still tacky. Apply all topcoats according to manufacturer's specifications. Use oil based marine or industrial coatings for best weather protection. Use a separate container for application so you don't contaminate your original base product.

Coats Waterborne topcoats subject to tannin staining must be tested 48-60 hours before use. If tannin occurs, apply an oil based stain blocker or topcoat. Always prepare a test patch to ensure compatibility with substrate and subsequent products.

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