

## Automobiles

### Body and paint shop application—CarWell CP90

Use of CarWell CP90 in combination with paint application offers shops a different approach in corrosion control. Many repair jobs require welds, drilling of sheet metals and surface prep with body fillers in areas that might seem unusual or unpractical with other rust control products.

The most noticeable effect with other products for rust control is that body fillers, primers and finish coats will not bond to surfaces that are treated with rust control products. **CarWell CP90 performs with excellent results in these areas by following guidelines as listed below.** To support the use of CP90 for surface application and paint over, Dupont performed adherence tests and the results support that there is no interference with bonding or finish of coated surfaces with paint. Water based coatings can be applied if desired, and instructions are included here as well.

#### Standard Application:

Any metal can be protected with CarWell CP90. Preparation of surfaces for treatment require that dirt build up be removed. Rust and heavy scale can be present, simply apply over these surfaces. Allow 24 hour set time for best results, and the longer the set time to 48 hours, the better the results. Crack and crevice areas benefit with excellent results, as water will not be permitted to enter the metals molecular structure. CarWell CP90 sinks into base metals, bonds molecularly at the anode and cathode (+ and—of the metals molecular structure) and prevents the flow of electrons from the anode and cathode. Rinse any excess with water or degrease with an environmentally friendly degreaser if water based paints are to be used.

#### Petroleum Based Coating:

Prepare surfaces as normally done. If body fillers are to be used over dented areas, or over welds, apply CarWell CP90 first. Allow a minimum of 15 minutes set time. The longer the set time to 48 hours, the better results for future rust control. Use your standard preparation solvent, as if you were preparing a primed surface for the finish coat. Apply body filler or primer over the points treated with CarWell CP90. The preparation solvent will not “kill” the inhibitor, but simply remove the petroleum based carrier product and allow bonding of materials to treated surfaces.

Primed surfaces can be treated with CarWell CP90. Prior to final wipe down with preparation solvents or prep towels, treat area with CarWell CP90. Allow set time of 15 minutes minimum to 48 hours for best results. Wipe surface with preparation solvent and apply final coat.

Our suggestion is to test CarWell CP90 on a piece of body work with the above listed procedure. By testing CarWell CP90, you will gain an understanding of the techniques required to use CarWell CP90 in the body work process.

CarWell CP 90 is a sponsor on SPEEDVISION and their banner label is known as KROWN RUST CONTROL. Both products are the same and the KROWN label is in use in Canada in hundreds of body shops. KROWN and CarWell have been in business for well over 25 years. The US Army and Marine Corps

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use CarWell CP90 as their exclusive rust inhibitor on all rolling equipment. Many years of testing by US Army TACOM and Naval Surface Warfare Center attest to CarWell CP90's ability to control rust and corrosion at a 92% to 95% ratio.

CarWell is an environmentally friendly inhibitor and not a one-time treatment product. To date, the only one-time treatment corrosion and rust control product found is spray weld done at 4,500 degrees with the use of zinc and aluminum rod on sand blasted surfaces. Because of the requirements of OSHA, this process is not conventional for most shops, as the set up cost, booth area and preparation requirement is financially enormous.

Ceramic coatings are also available, and these products will give excellent results with the right surface preparation. However, the work requirements for these finishes would again have a financial requirement on both the shop and the customer that would not work economically.

CarWell CP90 is an annual treatment on exposed surfaces, where sunlight and moisture come in contact with metals. Interior surface areas can be protected up to 18 months at best, and the area should be treated again.

Other areas that benefit from treatments are the vehicle radiator exterior surface, battery terminal and connectors, door and window opening mechanisms, seams, welds, folds and crevices, riveted pieces, chains, door and lock mechanisms, brake cables, wheel hub nuts, oil pan, transmission nuts and bolts, mirror mounts and headlight adjusters.

Areas treated prior to coating will result in long-term protection and results can and will vary.



Note:

Go to Products Link on our site for details on CarWell Rust Cop/CP90

Go to Products Link on our site for details on Quart Applicator

Go to Where to Buy Link on our site for CarWell Rust Cop/CP90 retail locations.

Go to Contact Link on our site for industrial sales and further questions

### Solutions for Rust and Corrosion

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