



Coval Molecular Coatings

1391 Skillman Lane, Petaluma CA 94952

AUTO REVITALIZER

DATA SHEET

DESCRIPTION

Coval Auto Revitalizer is a very thin molecular clear quartz coating using Nano sized particles designed to penetrate into the surface of rubber tire sidewalls, hoses, shock absorber covers, plastic or vinyl dashboards and trim to restore the original luster and color that has been damaged by UV exposure. It is for use on interior and exterior and is UV stable.

SURFACE

Tire sidewalls, engine hoses, rubber and plastic trim, shock absorber covers. (**Not for use on engine belts**) If remaining pigment is too low it will not restore former color.

SOLUTION FOR

Oxidized and discolored rubber and plastic auto parts. Restores the color from UV damage, and then provides long lasting protection from future UV damage.

CHARACTERISTICS

Color: Clear
Finish: Semi-Gloss
Vehicle Type: Solvent based
Flash Point: (C Penskey Martens closed cup 16.7 C (62.1F)
VOC: 20 g/l
Weight per Gallon: 7.36 lb/gallon
Non-Breatable

COVERAGE

800-1000 sq. ft. per gallon
Coverage will vary depending on the porosity and texture of the substrate.

EXPECTED WEAR

6 months to 1 year under normal conditions. Then simply re-apply as needed.

SURFACE PREPERATION

Surface must be clean, dry, and in sound condition. Remove all oil, dust, grease, dirt, and other foreign material using **Coval Safe Clean**. Rinse thoroughly with fresh water and allow surface to dry. Using Blue Tape mask off your rims to avoid drips onto those surfaces, also mask off any adjacent areas on other parts you are coating to avoid getting it on surfaces you don't want coated. When doing tires it's a good idea to put newspapers down next to and around the tire to avoid spills and drips from getting onto the driveway. If you are applying the coating on the interior of the auto make sure all windows are down and that you have positive air flow and exhaust as this is a solvent based coating. Make sure there is no open flame or any source of possible ignition of fumes. Always wear an approved respirator OSHA 1910.134 and ANSI Z88.2 Wear butyl-rubber gloves to avoid skin contact.

APPLICATION INSTRUCTION

Test Area

Due to the wide variety substrates, always test Coval Auto Revitalizer in an inconspicuous location to ensure performance and compatibility with the surface.

Application

Make certain surface has been prepared properly and is clean and dry. If applying outdoors, make certain the ambient temperature is between 45° F and 105° F, 90% RH or less and there is no chance of rain for a minimum of 5 hours after the estimated time of completion of the coating process. Also make certain there will be no additional morning dew to make the surface damp again before it has dried.

Shake the container for several minutes to re-suspend the nano particles that have settled to the bottom. Make certain to re-shake every 15-20 minutes to ensure proper performance. Use a soft lint free, shop quality paper towel to apply. Pour an amount of the coating onto the paper towel to saturate it but not so much it is dripping off. Then wipe a thin coat onto the surface avoiding streaks. On tire sidewalls it may take up to 4 or 5 coats to fill in the damaged oxidized rubber. Allow 5-10 minutes between coats when applying multiple coats but no longer than 10 minutes.

DRY TIME

Drying Time (@ 77 F, 50% RH):
Temperature and humidity dependent.
Touch: 1 hour
Through: 2-4 hours
Full Cure: 7 Days

CLEAN UP

Clean tools and equipment with acetone.

CAUTION

If applying in an enclosed area it is required that you have 100% fresh air supply and exhaust. Wear an approved respirator OSHA 1910.134 and ANSI Z88.2. Wear butyl-rubber gloves to avoid skin contact. Make certain there is no open flame or any other possible source of ignition as fumes a flammable. In the event of contact with skin, wash skin thoroughly with soap and water. Always wear safety goggles or splash shield to avoid splashing into your eyes. Do not wear contacts without eye protection. If coating gets into your eyes immediately flush eyes with water for 15 minutes. If eye irritation occurs after rinsing seek medical attention. If accidentally swallowed, rinse mouth thoroughly with water. In and obtain immediate medical attention.

CARE & MAINTENANCE

To clean coated exterior surfaces simply hose off with a garden hose equipped with a pistol grip sprayer. On interior use a damp towel. When additional cleaning is required use **Coval Safe Clean**. Rinse with fresh water and dry. To re-apply simply follow application instructions, there is no need to strip off original coat.