

General Industrial Coatings

CC-M13

MIL-C-8514C Wash Primer

Transparent Green (Component A) E90G16 Catalyst (Component B)V93V17 DESCRIPTION **SPECIFICATIONS** Spreading Rate (no application loss): E90G16/V93V17 is a two component, Steel: Surface must be clean and free of 288-481 ft.²/gal. at 0.3-0.5 mils DFT pretreatment wash primer for use on clean grease, dirt, oil, rust, fingerprints, and other metal surfaces of all types as a treatment contaminants to insure optimum adhesion Cure: prior to application of the coating system. and performance properties. Where blasting Air Dry This product meets all the performance is appropriate, blast in accordance with Do Not Force Dry requirements of MIL-C-8514C. SSPC-SP6. Prime with wash primer E90G16 within two hours after blasting. 1.0 mil at 77° F, 50% RH Air Drying: Advantages: To Touch 15 minutes Aluminum: Clean with acidic cleaner or · Increased adhesion of topcoat Through-Dry 30 minutes other appropriate cleaner depending on • Fast Dry To Coat w/ Primer After 15 minutes and contamination. Before 24 hours The purpose of this product is to increase the adhesion of the coating system to the metal. Galvanized And Other Metals: Clean and This product may be primed as short as 15 remove oxidation contamination on surface. minutes after application. However, if this product followed by treatment with E90G16. Due to has not been primer within 24 hours, this product the variability in these surface, testing should be removed by blasting and reapplied. It **CHARACTERISTICS** is best to apply the primer as soon as the product adhesion on each situation is is dry to touch (15 minutes). recommended. 60° Gloss: 30 max Mixing Ratio (by volume): Note: See MIL-DTL-53072 or TT-C-490 for Volume Solids: 4 Parts E90G16 details. 10% E90G16 V93V17 1 Part V93V17 7% Induction Time 15 minutes Admixed 9% E90G16 must be placed on a paint shaker. Weight Per Gallon V93V17 must be slowly added to E90G16 under E90G16 7.2-7.4 lbs/gal mixing. Up to 3 quarts of isopropyl alcohol are normally added to five quarts total of E90G16 & V93V17 7.4-7.6 lbs/gal V93V17. The mixed material should be agitated during use. This material should only be mixed at Viscosity (at 77° F, Typical): temperature ranges of 60-85° F. Gelling of the 57-77 Krebbs Units E90G16 material may occur if the V93V17 is added quickly V93V17 10 secs., #4 Ford Cup or without mixing. 20 secs., #4 Zahn Cup Admixed Potlife: 8 hours at room temperature **Recommended Film Thickness:** Higher temperature will shorten pot life 1.9-3.8 Mils Wet Mils Drv 0.3-0.5 Flash Point (Pensky Martens Closed Cup): 65° F E90G16 60° F V93V17 Air Quality Data: Non-photochemically reactive Volatile Organic Compounds (VOC), Testing: The information, data, and Less Exempts recommendations set forth in this Product E90G16 as packaged, max 5.91 lbs/gal, 709 g/L Data Sheet are based upon test results V93V17 as packaged, max 5.94 lbs/gal, 712 g/L Catalyzed & reduced as above 6.2 lbs/gal, 744 g/L believed to be reliable. However, due to the wide variety of substrates, substrate Recommended Storage: Inside, sealed properties, surface preparation methods, container, 40-120° F, no freeze hazard. equipment and tools, application methods, Protect from moisture. and environments, the customer should test * VOC Compliance limits vary from state to the complete system for adhesion, state; please consult local Air Quality rules Package Life: 1 year compatibility and performance prior to full and regulations. unopened, inside storage scale application.

An Environmental Data Sheet is available from your local Sherwin-Williams facility or at <u>www.PaintDocs.Com</u>.

APPLICATION

Typical Setups

Reduction: Reduce with R6K20 (Isopropyl Alcohol).

May be applied by: Conventional Spray Airless Spray Air Assisted Airless Spray HVLP Spray

Please consult with your Sherwin-Williams sales representative for proper settings for your spray equipment.

Cleanup: Clean tools/equipment immediately after use with R6K20 (Isopropyl Alcohol).

Follow manufacturer's safety recommendations when using any solvent.

ADDITIONAL INFORMATION

- 1. This product must be properly catalyzed with mixing before using. DO NOT VARY CATALYST RATIO. The catalyst ratio has been established for optimum performance. See the mixing instructions above for details.
- 2. Surface preparation is important for performance.
- 3. This product may be primed as short as 15 minutes after application. However, if this product has not been primer within 24 hours, this product should be removed by blasting and reapplied. It is best to apply the primer as soon as the product is dry to touch (15 minutes).

Performance Properties:

This product meets all the performance requirements of MIL-C-8514C.

CAUTIONS

FOR INDUSTRIAL SHOP APPLICATION ONLY

Thoroughly review the product label and Safety Data Sheet (SDS) for safety information and cautions prior to using this product.

To obtain the most current version of the Environmental Data Sheet (EDS), Product Data Sheet (PDS), or Safety Data Sheet (SDS) please visit your local Sherwin-Williams facility or <u>www.PaintDocs.Com</u>.

Please direct any questions or comments to your local Sherwin-Williams facility.

Note:

All purchases of products from Sherwin-Williams are exclusively subject to Sherwin-Williams' <u>Standard Terms And Conditions Of</u> <u>Sale</u>. Please review these terms and conditions prior to the purchase of the products.

Sherwin-Williams warrants the product to be free of manufacturing defect in accordance Sherwin-Williams' quality control with procedures. Except for the preceding sentence, due to factors that are outside of Sherwin-Williams' control. includina substrate selection, and customer handling, preparation, and application, Sherwin-Williams cannot make any other warranties related to the product or the performance of SHERWIN-WILLIAMS the product. DISCLAIMS ALL WARRANTIES OF ANY EXPRESS IMPLIED, KIND. OR INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTY OF MERCHANTABILITY, IMPLIED THE WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE.

Liability for products proven to be defectively manufactured will be limited solely to replacement of the defective product or the refund of the purchase price paid for the defective product, as determined by Sherwin -Williams. Under no circumstances shall Sherwin-Williams be liable for indirect, special, incidental or consequential damages, lost profits or punitive damages arising from any cause whatsoever.

All trademarks are the property of their respective owners.