

SHIPBUILDERS AND MARINE PAINTS AND COATINGS PRODUCT/PROCEDURE DATA SHEET

CONTINUATION SHEET USED: YES NO

Date: 23 August 2018

Do not apply MS-200 Color Topping when surface is under 50°F or over 120°F, temperature must be at least 5°F above the dew point during application, temperatures below 50°F should not be considered in the cure time calculations for MS-200. Note: Changes in environmental conditions (post application) are affected by day/night cure temperatures and exposure to sun light. Recorded temperature data will assist in determining an approximate creditable cure.

- (d) EQUIPMENT REQUIREMENTS: Spray, Roller, or Brush, ½ HP mechanical mixer and suitable mixing blade.
- (e) SPECIAL INSTRUCTIONS: To apply color topping to fixtures and borders, ensure surface to be overcoated is solvent cleaned and free of grease and POL products. Apply color topping for VLA on newly applied non-skid before coating is placed in service. Note: Additional coat/s of color topping for VLA renewal should be minimized as additional coats will degrade the non-skid coatings coefficient of friction. For applying additional coats of VLA color topping on operational vessels, ensure markings to be coated are cleaned of salts and POL products prior to application of paint. To apply color topping (Dark Gray) to fixtures and borders that had already been primed, reactivate primer coat IAW primer over coat criteria. In either event for color top of primer coat of fixtures and borders, perform a solvent clean to remove non-visible containments before over coating with MS-200. Color Topping may be used to over coat itself or non-skid in excess of the 30 day window provided the surface is thoroughly cleaned to remove all containments, salts, POL products to assure proper adhesion.

IF OVERCOAT WINDOW HAS BEEN EXCEEDED FOR CRITICAL APPLICATIONS RECEIVING NONSKID: N/A

IF OVERCOAT WINDOW HAS BEEN EXCEEDED FOR CRITICAL APPLICATIONS NOT RECEIVING NONSKID: This includes zone tie-in areas where the primer is to be overcoated with itself (up to 12 inches), borders, aircraft securing fitting, deck edge coaming, drains and fixtures. If less than 7 days has elapsed since the application of the primer coat, perform a complete cleaning by solvent wipe down of the primed area to be overcoated. After day 7 and up to day 30, if the next coat has not been applied, the entire surface shall be cleaned in accordance with SSPC-SP1. Ensure the surface has fully dried following solvent cleaning, and then lightly abrade with abrasive blast, power sanding, or hand sanding using 80-120 grit. Perform a solvent re-clean of the abraded surface and allow any visible traces of solvent to fully evaporate. A proprietary primer or color topping may be applied after visual inspection confirms the absence of surface containments following solvent cleaning and after ensuring surfaces have completely dried and all solvent has evaporated.

IF OVERCOAT WINDOW HAS BEEN EXCEEDED FOR NON-CRITICAL APPLICATIONS: If less than 7 days has elapsed since the application of the primer coat perform a complete cleaning by solvent wipe down of the primed area to be overcoated. A proprietary primer, nonskid or color topping may be applied after visual inspection confirms the absence of surface containments following solvent cleaning and after ensuring surfaces have completely dried and all solvent has evaporated. After day 7 and up to day 30, if the next coat has not been applied, the entire surface shall be cleaned in accordance with SSPC-SP1. Beyond 30 days Ensure the surface has fully dried following solvent cleaning and then lightly abrade with abrasive blast, power sanding or by hand sanding using 80-120 grit. Perform a solvent re-clean of the abraded surface and allow any visible traces of solvent to fully evaporate. Apply a tack coat (2-3 mils/ 50-75 microns WFT) of proprietary primer. Minimum overcoat dry times for application of a "tack coat" applied to a primer coat shall be those indicated within the Dry Time table in section VI. (c) Of the applicable proprietary primer.

ADDITIONAL DATA/INSTRUCTIONS:

II. MANUFACTURERS DATA: N/A

III. PROPERTIES: N/A

IV. SURFACE PREPARATION MINIMUM REQUIREMENTS: N/A.

V. MIXING PROCEDURES: N/A

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VI. APPLICATION REQUIREMENTS: NOTE: Dry times are a function of humidity, ventilation, and temperature. Dry time information provided is to be used as a guideline only. When substrate temperatures fall below 50°F after application, the MS-200 Color Topping system dry time is retarded requiring additional dry time. Applicators must take this into consideration before the next coating process is started in allowing for sufficient dry time.

STRIPE COAT PROCEDURES – N/A

SPECIAL INSTRUCTIONS: N/A

NOTE: MS-200 is formulated to be applied within the parameters listed on this document. NAVSEA Standard Item 009-32 applications may adjust the environmental and application procedures recommended by this ASTM F-718.

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