

5065 Series

SWARCOPLAST MMA CLEAR SEALER



PRODUCT DESCRIPTION

Swarcoplast MMA Clear Sealer 5065 is a solvent-free, 100% solids, plural-component system designed as a clear sealer for MMA coatings and other types of coatings.

It can be used to extend the durability of road markings as well as reduce dirt pickup. It can be used on coatings over roadways, crosswalks, symbols and legends.

Swarcoplast MMA Clear Sealer requires activation in an approximate 98:2 ratio with BPO (benzoyl peroxide).

TECHNICAL DATA

PROPERTY	5065 CLEAR
Weight per gallon	8.0 lbs.
Viscosity, seconds, 4 mm cup	50 - 60
% Solids, by wt.	> 99
Gel time @ 25°C	10 - 20 minutes
Cure time @ 25°C	10 - 20 minutes
Hardness (Shore D)	60 minimum

MIX RATIO BY WEIGHT

98:2 Component A: 5065 Component B: 5035 Liquid Hardener
By Volume: 128 oz (1 Gallon) part A with 2 oz Part B

ADVANTAGES

- 100% solids chemistry
- Superior durability
- Improved dirt pickup
- Good self-leveling
- Smooth surface
- Low yellowing
- Protection against moisture penetration
- Good abrasion resistance

COVERAGE

Coverage depends on desired layer thickness, application technique, machine adjustments, and the type and state of the surface.

PACKAGING

Component A: 5065 Clear

- 1 gallon pail
- 4 gallon pail

Component B: 5035 Liquid hardener for MMA

- 2 gallon
- 5 gallon

WARNING: B-COMPONENT CONTAINS ORGANIC PEROXIDE

INSTALLATION & SURFACE PREPARATION

General Information

All of the instructions provided herein and by Colorado Paint Company / SWARCO technical representative must be followed exactly. Any variations from the directions may compromise applicability and performance. Only drop-on materials and techniques approved by the manufacturer should be used.

General Surface Preparation

In general, coating performance is directly proportional to the quality of surface preparation. Before applying coatings, surfaces must be clean and dry. Remove all grease, oil, gasoline, dirt, grass, loose gravel, old, peeling or flaking paint, and other contaminants.

Moisture content of substrate must not exceed 4% when applying marking. Designed specifically to go over MMA coatings. If to be used over other types of coatings, we recommend testing Swarcoplast 5065 MMA Clear Sealer over a small area to determine compatibility with other types of coatings.

Weather Conditions

Surface, air and material temperature should be between 40 – 105° F, and at least 5° F above the dew point. Relative humidity must be less than 75%.

A record of weather conditions should be kept.

Preparation and Application

Part A component has slight purplish/bluish hue. This is normal and will dry to a clear finish.

Add 2 fluid ounces of part B to 1 gallon of part A. Note that pot life is partially dependent on temperature. Warmer temperatures will have reduced pot life, and cooler temperatures will have increased pot life. Activate only what is expected to be used within a 10 – 20 minute period at a time.

Possible application techniques:

- 98:2 system by roller, squeegee, or spray
- Wet in wet spray

When applying 98:2 spray, be sure to flush mixing tube with acetone or other appropriate solvent. If applying by roller or squeegee, thoroughly mix 2 fluid ounces of liquid BPO into part A. Apply using 1/8" – 1/4" nap roller

cover (mohair or synthetic) or sponge roller. To avoid yellowing, applied film should be 4 – 10 mils (0.1 – 0.3 mm).

If applying wet in wet, first apply activated MMA coating to substrate. Immediately after this application (prior to curing), apply a thin film of 5065 over top using airless spray. No additional activation is necessary as long as initial MMA coating has sufficient B-component, and clear sealer is applied prior to the initial MMA curing.

▪ **Equipment**

Application must be done only with specialized equipment for 98:2 mix. May also use short-napped roller or squeegee. For wet in wet application, a single component airless sprayer may be used as long as adequate activator is used in the initial coating. Equipment must be dry and clean and in sound operating condition.

▪ **Cleanup**

Thoroughly wash all equipment before material sets. Use only special cleaner for marking machines. Clean any spills immediately. Do not permit spills to contaminate drains or aquatic environment.

SAFETY

Before working with this product, the user is required to read and understand the information provided in the Safety Data Sheets and to follow the safety precautions and good industrial hygiene practices. Designed for the use by trained professional personnel only.

STORAGE

Store in a dark, dry, and cool place. Protect from freezing. The shelf life when stored appropriately in the original sealed container is two years from the date of manufacture.

WARRANTY

COLORADO PAINT COMPANY II, LLC warrants to the purchaser that this product shall be manufactured without defects when applied according to Colorado Paint Application Instructions. This warranty covers material replacement only. Excluded from coverage is labor, any damage to the application surface or any failure of the coating caused other than by defects within the material. Because the conditions of use are beyond our control, Colorado Paint shall not be liable for any injury, loss or damage, direct or consequential, arising from the use or the inability to use the product herein.

All statements, technical information and recommendations contained herein are based on tests we believe to be reliable but the accuracy and completeness thereof is not guaranteed. Data is subject to alteration due to technical advances.

Above information not to be taken as a warranty or representation for which we assume legal responsibility. It is offered solely for consideration, investigation and verification.

If you have any questions about proper application techniques or other technical support issues, please contact your SWARCO sales or customer service representative.

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