



MPC159

Brush/Rolling Additive

47 444SP

Brushing/Rolling Additive 47 444SP is an additive designed to be mixed in most Matthews Acrylic Polyurethane color or clear topcoats to provide maximum leveling and flow characteristics when paint brush or roller application is preferred.

The special blend of ingredients allows more open time for brush workability and air release agents help alleviate bubble formation when rolling.



Compatible Surfaces:

MAP® topcoats containing 47 444SP Brushing/Rolling Additive may be brushed or rolled over the following compatible pretreatments and primers:

| | | |
|--------------------------------------|--|---------------------------------|
| 74 734SP/74 735SP Metal Pretreatment | 74 777SP Tie Bond Adhesive | 274 777 Tie Bond |
| 74 760SP/74 766SP PT Filler | 6001SP Polyester Primer Surfacer | 274 793 Spray Bond |
| 74 770SP/74 766SP HBPT | 274 685SP/274 686SP U Prime | 74 350 Non-Chromate Etch Primer |
| 74 780SP/74 781SP HBEF | 274 908SP/274 909SP White Epoxy Primer | 6007 Grey Epoxy Primer |

Note: 47 444SP Brushing/Rolling Additive **can not** be added into any Matthews undercoats. Additive is only compatible when mixed with Matthews Acrylic Polyurethane topcoats.

Caution: Brushing/Rolling Additive is not recommended for use in any metallic topcoats due to color change.

Required Products:

MAP®, Satin MAP®, Satin VOC MAP® or VOC MAP® Topcoats

47 444SP Brush/Rolling Additive

Catalyst: (See Mixing Section for specific catalyst required, this is dependant on the MAP® product line you prefer)

| | | | |
|----------|-------------------|-----------|--------------------|
| 43 621SP | Brushing Catalyst | 283 800SP | VOC MAP® Catalyst |
| 43 270SP | MAP® Catalyst | 283 320SP | SVOC MAP® Catalyst |

47 444SP

Directions for Use

Surface Preparation:

Substrate should be prepared according to undercoat instructions prior to topcoat applications.

Mix Ratios:

Mix Ratios (by volume)



| MAP Color or Clear | 43 621SP Brushing Catalyst | 47 444SP Brush/Rolling Additive |
|-----------------------|-------------------------------|---------------------------------------|
| 6 parts | 1 part | 2 parts |



| MAP Color or Clear | 43 270SP MAP Catalyst | 47 444SP Brush/Rolling Additive |
|-----------------------|--------------------------|---------------------------------------|
| 3 parts | 1 part | 1 part |



| SVOC MAP® Color or Clear | 283 320 SVOC MAP® Catalyst | 47 444SP Brush/Rolling Additive |
|-----------------------------|-------------------------------|---------------------------------------|
| 3 parts | 1 part | 1 part |



| VOC MAP® Color or Clear | 283 800SP VOC MAP® Catalyst | 47 444SP Brush/Rolling Additive |
|----------------------------|--------------------------------|---------------------------------------|
| 3 parts | 1 part | 1 part |



- Additional reducer is not recommended.
- Catalyst and Additive should be mixed in thoroughly before using.
- Mix no more material than will be used in an 8 hour period.
- Strain material following mixing.



Pot life is approximately 8 hours at 70°F (21°C).

Reducers:

Additional reducer is not recommended when using 47 444SP Brushing/Rolling Additive

Additives:



None

Directions for Use

Application:



Apply: 1 wet coat @ 2.0 mils
Wait 10 -15 minutes, then apply second coat @
2 mils wet film thickness

Recommended
Wet Film Thickness: 2 coats @ 2.0 mils/coat

Recommended
Dry Film Thickness: 2.0 - 2.5 mils

Caution: All 2 component cross-linking stops or slows significantly at temperatures below 60°F or 16°C. Never spray or subject freshly painted coatings to these conditions or poor water and chemical resistance, decreased durability and improper curing will occur.

Equipment:

It is important to apply the paint with high quality applicators.

Brushes: Use nylon/polyester or china bristle brushes.

Rollers: Use woven polyester, mohair or lambs wool roller covers.

Insure the roller covers are solvent resistant.

Choose nap size based off texture of surface being painted, shorter nap works best on smoother surfaces, longer nap works best on textured surfaces.

Equipment Cleaning:

Clean equipment promptly with an all-purpose clean up solvent or any compliant general cleaner.

Do not leave mixed material in equipment.

Technical Data:

VOC Information

| | |
|---|-------------|
| MAP® Color or Clear | 4.3 - 5.0 |
| 43 621SP Brushing Catalyst OR | 3.4 |
| 43 270SP MAP Catalyst | 5.35 |
| 47 444SP Brush/Rolling Additive Ready to Apply | 6.2 |
| (6:1:2) with 43 621SP Catalyst | 4.6 - 5.1 |
| (3:1:1) with 43 270SP Catalyst | 4.5 - 5.3 |
| SVOC MAP® Color or Clear | 3.0 - 3.15 |
| 283 320SP SVOC MAP Catalyst | .94 |
| 47 444SP Brush/Rolling Additive Ready to Apply (3:1:1) | 6.2 |
| | 3.2 - 3.3 |
| VOC MAP® Color or Clear | 2.9 - 3.2 |
| 283 800SP VOC MAP Catalyst | .94 |
| 47 444SP Brush/Rolling Additive Ready to Apply (3:1:1) | 6.2 |
| | 3.15 - 3.35 |

Performance Characteristics

| | |
|--|---------------------------------------|
| Theoretical Coverage (1.0 mil @ 100% transfer efficiency) | |
| MAP with 43 621SP Catalyst | 542 - 613 sq.ft./RTS gal. |
| MAP with 43 270SP Catalyst | 487 - 551 sq.ft./RTS gal. |
| SVOC MAP | 518 - 580 sq.ft./RTS gal. |
| VOC MAP | 832 - 848 sq.ft./RTS gal. |
| Application Conditions | 60°F (15°C) min. 100°F (38°C) max. |
| Relative Humidity | 85% max. 5° above dew point |
| Flash Point (Tag closed cup) | 100°F (38°C) |

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Important:

The contents of this package may have to be blended with other components before the product can be used. Before opening the packages, be sure you understand the warning messages on the labels of all components, since the mixture will have the hazards of all its parts. Improper spray technique may result in a hazardous condition. Follow spray equipment manufacturer's instructions to prevent personal injury or fire. Follow directions for respirator use. Wear eye and skin protection. Observe all applicable precautions.

See Material Safety Data Sheet and Labels for additional safety information and handling instructions.

EMERGENCY MEDICAL OR SPILL CONTROL INFORMATION - US (412) 434-4515; CANADA (514) 645-1320; MEXICO 01-800-00-21-400

Materials described are designed for application by professional, trained personnel using proper equipment and are not intended for sale to the general public. Products mentioned may be hazardous and should only be used according to directions, while observing precautions and warning statements listed on label. Statements and methods described are based upon the best information and practices known to Matthews Paint. Procedures for applications mentioned are suggestions only and are not to be construed as representations or warranties as to performance, results, or fitness for any intended use, nor does Matthews Paint warrant freedom from patent infringement in the use of any formula or process set forth herein. If you require technical assistance, please call us toll-free 800/323-6593.



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