



## 2-Part Acrylic Polyurethane Aerosol

MAP-LV2K10/EZ (No Paint)

MAP-LV2K15/EZ (Paint Included)

This aerosol is a simple professional dispensing system for touch-up on large projects or perfect for that small job to prevent mixing and clean-up.

### Features

- Custom mix any MAP-LVS or MAP-LVG color or MAP-LV clears
- Durable two-part acrylic polyurethane system
- Repair projects in the field when damaged in transit
- Covers 8-12 sq ft @ 2 mil per can
- 6 H compliant

### Benefits

- Mix product for sign & fill the aerosol with the exact same color for installation touch-ups
- Easy – no mixing toners at installation site for touch-ups
- Extends paint pot-life 4 times
- Easy application – professional



### Compatible Surfaces

Please note all surfaces must be properly prepared.

- Steel
- Expanded PVC
- Previously painted surfaces with proper prep – This, Gel coated Fiberglass, and Acrylic would be the only substrate we could apply direct with EZ Spray
- Aluminum
- Brass, Bronze & Copper
- Masonry
- Photopolymer
- Fiberglass
- Acrylic

### Required Equipment

The filling machine requires connection to an air compressor with an operating pressure of 110 PSI. If this level is not consistently maintained then the filling operation will either take longer than normal time or may not be possible at all. DO NOT ATTEMPT to fill cans with less than 90 PSI. NEVER fill over 115 PSI.

## Directions For Use

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### Dispensing Paint:

NEVER pour paint directly into the metal cylinder cup without the plastic filling cup! Doing so will result in having to return the machine to be professionally cleaned.

### Filling Instructions:

1. Use Personal Protective Equipment as required in the MAP-LV2K10/EZ & MAP-LV2K15/EZ SDS including safety glasses and solvent resistant gloves.
2. Mix paint from a Matthews MAP-LVS or LVG color formulation. Other Matthews products cannot be used with MAP-LV2K10/EZ.
3. Place the filling disc on the press-in stamp on the inside of the filling machine.
4. Track the filling disc edge and press down firmly ensuring the disc is firmly in place.
5. Remove the top cap from the aerosol can
6. Facing the spray nozzle away from you, remove the spray nozzle.
7. Insert the metal cylinder cup on cans filling head
8. Insert the plastic filling cup inside the metal cylinder cup.
9. Using appropriate PPE, fill the plastic filling cup to the filling line with the mixed color.
10. Insert aerosol can with filled metal cylinder cup into machine.
11. Rotate the turntable of the device counter-clockwise to securely seat the can in place for filling.
12. Close the door to the right in order to initiate the filling process (about 3-6 seconds).
13. Open the door.
14. Lower the turntable clockwise, remove the aerosol and metal cylinder cup carefully.
15. Take off the metal cylinder cup.
16. On a flat non-skid surface, firmly press metal cylinder cup downward.  
This will pop the plastic filling cup loose from the metal cylinder cup.
17. Remove the plastic filling cup from the metal cylinder cup and notice the color visible in the top. Set metal cylinder cup aside.
18. Facing the nozzle away from you, replace the spray nozzle on the spray head.
19. Snap the adapter ring on the top of the filled can.
20. Place the plastic filling cup with the color on the top of the can.
21. Place the cap with the red plunger on the bottom of the can.
22. Pull the black and white MAP-LV2K10/EZ label off, revealing the MAP-LV2K15/EZ color label.
23. Apply label with the color information, date filled and where it was filled.  
(The can will be good for 1 year from date of fill.)



MAP-LV2K10/EZ  
label on top



MAP-LV2K15/EZ  
label underneath

### Directions for Activation and Use:

1. Use Personal Protective Equipment as required in the MAP-LV2K15/EZ SDS including safety glasses, 1/2 of full mask respirator and solvent resistant gloves.
2. Remove the red plunger from the bottom cap, keeping the plastic filling cup in place.
3. Attach the red plunger to drive pin on bottom of can.
4. Holding the can with both hands place the red plunger on a solid, non-skid surface. With both hands, push down swiftly.
5. Shake the can to mix the contents rolling it a quarter turn every 15 seconds – mix thoroughly for 1 minute.
6. Remove the plastic filling cup with color indicator.
7. Pointing the spray nozzle away from you – purge can until a smooth spray pattern is achieved.  
Test the spray pattern to ensure there is a good consistent flow.

## Directions For Use

### Surface Preparation:

Substrate should be prepared according to the undercoat instructions prior to topcoat application. See the separate Repair Procedure if you are attempting to fix a damaged substrate.

### Application:

- Apply 1 full wet coat
- Approximately 5 minutes flash off time between coats
- Follow with a 2nd full wet coat
- May require the application of a 3rd full wet coat depending on color depth and to obtain proper film build and gloss appearance



### Dry Time:

#### MAP-LVG

- Air Dry: 50% humidity @ 70°F
- Dry time to handle: 2-5 hours
- Dry time to clearcoat: 4 hours. After 24 hours scuff surface before clearcoat.
- Force Dry: 30 minutes at 120° F
- Full Cure: 10-14 days

#### MAP-LVS

- Air Dry: 50% humidity @ 70°F
- Dry time to handle: 2-5 hours
- Dry time to clearcoat: 4 hours. After 24 hours scuff surface before clearcoat.
- Force Dry: 30 minutes at 120° F
- Full Cure: 10-14 days

### Pot Life:

4 times the pot life of product filled in can, check the specific technical data sheet for the products baseline pot life.

### Finish:

- When material in can is spent, turn can upside down, direct away from any surfaces and depress the nozzle until all propellant is exhausted.
- Shelf Life: 24 months / 70 degrees not filled – filled 12 months from date of fill

### Total Film Build:

Dry film thickness 1.5-2 mils

### Technical Data:

#### RTS Combinations

#### MAP-LV2K15/EZ

Volume Ratio .....	As is (aerosol w/ MAP-LV color)
Applicable Use Category .....	Exact Match Finish-Industrial - EFI
VOC Content (g/L).....	591-624
VOC Content (lbs./US Gal.).....	4.93-5.21
VOC Less Water Less Exempts (g/L).....	527-544
VOC Less Water Less Exempts (lbs./US Gal.).....	4.40-4.54
Solids by weight (RTS) .....	27.59-33.43%
Solids by volume (RTS).....	19.96-22.62%
Sq. Ft. Coverage / can.....	8-12 sq ft @ 2 mil per can 2.0 mil at 100% transfer efficiency
Pencil Hardness .....	HB
MEK Resistance (100 double rubs) .....	No effect @ 1 Day Air Dry
Impact Resistance .....	Forward @ 2 Weeks Air Dry: 150+ in/lbs Reverse @ 2 Weeks Air Dry: 150+ in/lbs

### Technical Data (Continued):

#### RTS Combinations

#### MAP-LV2K15/EZ

1000 Hours Salt Fog .....	Scribe Creep Rating: 9
	Face Blister Rating: 9
	Adhesion Rating: 5A
500 Hours Humidity Resistance .....	Blisters: None
	60 Deg Gloss Retention: 99%
QUV "B" (1500 Hours Exposure).....	60 Deg Gloss Retention: 92%
	Color Shift: 1.0 Delta E (CIELab)
Chemical Resistance.....	10% NaOH: No Effect
	10% HCl: No Effect
	10% H2SO4: No Effect
	Gasoline: Slight Effect
Application Conditions .....	60° F (16° C) minimum
	100° F (38° C) maximum

#### Can Disposal:

Place empty can or cans that are no longer to be used into properly labeled metal container. As long as they are depressurized, they should be managed as empty paint cans are handled, if necessary as a hazardous waste pursuant to local, state and federal regulations. Any questions should be forwarded to the local waste authority.

#### Precautions:

Caution! Close container after each use. Do not take internally. Keep out of reach of children.

#### Important:

The contents of this package may require accessing 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. Provide adequate ventilation for health and fire hazard control. Improper spray technique may result in a hazardous condition, personal injury or fire. Follow SDS directions for PPE including appropriate respirator, eye and skin protection. Observe all applicable precautions.

**See 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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Part No. EZ101 10/22  
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