
TECHNICAL INFORMATION

Magnetic Powders, Applicators and Kits

Catalog Nos. 159L, 125L, 125LM, 125MD, 125MBA, 125GM, MSW200, M114L, M115L, M116L, M117L, M118L, M119L, SBM9, SBM10, SBM12, MSW114L, MSW115L, MSW116L, MSW117L, MSW119L, MSWSBM9, MSWSBM10, MSWSBM12

INTRODUCTION

The use of magnetic latent print powder and applicators permits the user to develop latent prints on any non-ferrous surface without the risk of latent print ridge destruction because the powder forms the brush. Therefore, excessive force during the application of powder is eliminated.

Magnetic latent print powders feature superior ferrous compounds due to the unique ball-milling process which ensures uniform, textured powders every time. One main advantage of this system is that it is easy to clear surfaces of excess powder, offering maximum photographic effectiveness, and this same magnetic powder can be reused again and again.

Although our applicators can be used with any brand of magnetic powder, we recommend the use of quality SIRCHIE magnetic powders.



Nos. (L to R) 125LM, 125L, 125MD, 125MBA, 125GM

CAUTIONS

- Prior to using magnetic powders, consult the appropriate Material Safety Data Sheets (MSDS) found on our website at www.sirchie.com/support.
- If dusting dirty or greasy surfaces, DO NOT put collected excess powder back into the supply jar as this will contaminate the powder supply.

MAGNETIC POWDER APPLICATORS

125L/125LM Standard Magnetic Applicators

These applicators have the capacity to hold 25% more powder than ever before and weigh a mere 0.5 oz. (14.2g) each! They are ideal for precision dusting of small to medium surface areas. The injection molded applicators feature a narrow magnet to fit any size powder container. Process paper, finished and unfinished wood, nonferrous metals, plastic, glass, vinyl, etc. Choose from the 125L injection-molded applicator or the 125LM anodized aluminum applicator.



Standard Magnetic Powder Applicator (125L or 125LM)

125MD MEGAWAND™ Magnetic Powder Applicator

The MEGAWAND™ has the capacity to hold 25% more powder than before. It features an expanded coverage area designed especially for dusting a large surface area. The wand holds approximately three times as much powder as the standard wand and features a machined Delrin® housing with spring-loaded ejection. Weight: 1.6 oz. (45.4g).



125MD MEGAWAND™ Applicator



125GM GIGAMAG™ Applicator

125GM GIGAMAG™ Magnetic Powder Applicator

The GIGAMAG™ Magnetic Wand Sweeper is the only choice

for maximum coverage. This wand holds approximately nine times as much powder as the standard wand. It features a rugged, precision-machined Delrin® housing. Weight: 6.8 oz. (192.8g).

125MBA Magnetic Burnishing Applicator

This highly magnetic wand is capable of carrying more than three times the powder of standard wands and features an innovative burnishing head to improve the quality of crime scene latent lifts. Like its predecessor, the MEGAWAND™, the 125MBA features a machined Delrin® housing with spring-loaded ejection. The difference is the built-in burnishing tool. Simply use the burnishing head to force out any air bubbles and wrinkles from the lifting material. Weight: 1.7 oz. (48.2g).



125MBA Magnetic Burnishing Applicator (left) and its use with lifting material (right).

MSW200 Magnetic Sweeper Wand

The Magnetic Sweeper Wand features a very wide sweep area—a minimum of two inches (5.1cm). With a powder capacity of approximately seven times that of the standard magnetic wand, it is ideal for covering large surface areas. The wand's powder release features a positive-lock pull handle. The housing is made of precision machined aluminum. Weight: 5.7 oz. (161.6g).

MAGNETIC LATENT PRINT POWDERS

SIRCHIE's Magnetic Latent Print Powders feature superior ferrous compounds thanks to a unique ball-milling process which ensures uniform, textured powders—every time. These powders are the finest available. Use on any non-ferrous surface and with any of our magnetic applicators. There are two basic formulations of magnetic powders—regular and special formula. Magnetic Latent Print Powders are standard-packaged in 1 oz. (30ml) volumetric jars.



No. MSW200

Regular Magnetic Powders

Regular formula powders offer color contrast to various backgrounds and provide excellent results on most porous and non-porous surfaces. Magnetic powders should not be used on ferrous metal surfaces such as iron or steel.



No. M114L



No. M115L



No. M116L



No. M117L



No. M118L



No. M119L

Special Formula Powders

Special formula powders provide dual use in that they may be used on dark or light surfaces. Due to their special formulation they provide good contrast against any background. On a light surface, No. SBM9 Silver/Black will produce black latent prints, and on a dark surface the latents will have a silver color.



SBM9 Dual Color



SBM10 Dual Color



SBM12 Dual Color

Magnetic Powder Packs

These magnetic latent print powders are packaged specifically for use with large magnetic applicators, such as the SIRCHIE GIGAMAG™. Opening diameter is 3.5 inches (89mm) for easy access to powder. Magnetic Powder Packs are 6 oz. (177ml) volumetric containers.

PROCEDURE

1. Push the sliding metal extension to its lowest position in the body of the magnetic wand.
2. Hold the wand over the open bottle of magnetic latent print powder.
3. Remove the wand from the powder and note that the powder adheres to the wand, forming a brush. This brush can be enhanced by dropping it on a sheet of paper and reforming it. If there is an excess of powder on the wand, tap it gently.
4. Use the wand to dust for latent prints as you would any ordinary fingerprint brush.
5. When finished, hold the wand over the bottle of powder and pull the slide extension upward to release the powder.
6. Lower the slide extension, and you can now clean up the working area by moving the wand over the surface to pick up excess powder.
7. Clean up developed latents using a feather duster.
8. Developed prints on non-porous surfaces may be lifted with any lifting material such as tape, hinge lifters, rubber lifters, etc.



SEARCH Regular Magnetic Latent Print Kit

This is the most popular, compact, magnetic latent print kit available. Use this kit to process a crime scene with magnetic powder and magnetic applicators. The 159L kit is excellent for developing latent prints on paper, cardboard, finished and unfinished wood, glass, vinyls and on any nonferrous material.

159L CONTENTS:

- 1- M114L Black Magnetic Latent Powder, 1 oz. (30ml)
- 1- M116L White Magnetic Powder, 1 oz. (30ml)
- 1- M117L Gray Magnetic Powder, 1 oz. (30ml)
- 1- SBM9 Silver/Black Magnetic Latent Powder, 1 oz. (30ml)
- 1- 125L Standard Magnetic Applicator
- 1- KC100 Molded Plastic Carrying Case with Component Inserts:
Dimensions: 8.5" x 7.75" x 3.625" (21.6cm x 19.7cm x 9.2cm);
Weight: 2.3 lbs (1kg)



128 oz. size



16 oz. size

NOTE: Magnetic Latent Print Powder is also available in bulk sizes of 16 or 128 oz. and feature ultra-wide mouths for use with the largest magnetic sweeper wands. For more details on bulk packaged magnetic latent print powder, please contact SIRCHIE Sales at (919) 554-2244, (800) 356-7311, or visit our website: www.sirchie.com.

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