

Hot Efx™ Powder Additives

Dramatic Special Effects Color

Maximum color impact

Hot Hues Hot Efx™ Powder Additives are concentrated fine particles that give a sparkling or gem-like appearance to any custom project. Hot Efx™ Powder Additives are designed to let the painter create their own unique custom colors. These powder effects may be added to a variety of “carriers” including the Hot Hues Hot Binder HHM-6200™, Hot Balancer HHM-6300™, Intercoat Adhesion Promoter HHA-6222™ and to a variety of Hot Hues Hot Color Basecoats and/or DuPont Performance Coatings clears. Be sure to view your customized color in sun light to see the true pearl or xirallic effect these products deliver.

The eight pearl and four xirallic effects are packaged in convenient 4 oz. containers. So whether you’re jazzing up an overall finish or tricking out your graphics, you can use as little or as much as you like to give it a completely custom look all it’s own.



PRODUCT GUID E



UNLEASH THE COLOR™

Hot Efx™ Powder Additives

Highlights from our Application Guide

Description

Hot Hues Hot Efx™ series of powder additives are designed and packaged to provide maximum compatibility and maximum color impact. The Hot Efx™ powders can be added to a variety of “carriers” including the Hot Hues Binder HHM-6200™ and Hot Hues Balancer HHM-6300™ for maximum application control. They may also be added to the HHA-6222™ Intercoat Adhesion Promoter and to a variety of topcoat quality clears.

By design these powder additives are meant to be applied over the top of ground colors, most commonly including, but not limited to white, black or silver.

General Information

Components

HHM-6000™	White Pearl
HHM-6001™	Red Pearl
HHM-6002™	Blue Pearl
HHM-6003™	Gold Pearl
HHM-6004™	Copper Pearl
HHM-6005™	Violet Pearl
HHM-6006™	Green Pearl
HHM-6007™	Orange Pearl
HHM-6101™	Crystal Silver
HHM-6102™	Glitter Gold
HHM-6103™	Radiant Red
HHM-6104™	Shimmer Blue

Mix Ratio

For optimal color control, add powder additives by weight and use a visual “control panel”. Once you have arrived at the desired color, record the final formulation and save along with the color control panel. The Hot Efx™ Powder Additives are designed to let the painter create their own unique custom colors. Be sure to view the color in sun light conditions to see the true effect of the powder pearls.

Mixing options in alternate carriers are noted below. Each carrier has its own unique benefits and will have its own unique color position. The user should select the carrier based on speed, flake control, and the size of the repair. The amounts of Hot Efx™ noted for each carrier are a guide, not to be exceeded, for purposes of application and film properties.

Tips for Success

- 1) Use smaller additions of Hot Efx™ Powders over dark colors.
- 2) Use smaller additions of Hot Efx™ Powders for large surface applications.
- 3) Too much powder pearl will reduce the pearl “flop” effect.
- 4) Too much powder pearl will increase the risk of mottling and streaking.
- 5) Adjust the viscosity of the Hot Efx™ Powder carrier, by slightly over reducing. This will result in optimal application.
- 6) Always use a strainer / filter prior to loading into spray equipment.

Hot Hues Binder HHM-6200™ and Hot Hues Balancer HHM-6300™:

Use the HHM-6200™ and HHM-6300™ combination of binder and balancer for optimal particle / mottle control. After adding the pearl into the Hot Binder and Hot Balancer, use a mechanical shaker to insure uniformity. Reduce the pearl / carrier 1:1 with Basemaker®.

Code	Name	Amount
HHM-6200	Hot Binder	208 grams
HHM-6300	Hot Balancer	208 grams
HHM-6XXX	Hot Efx™	8 grams
		424 grams / Pint
71XXS	Basemaker®	Pint
HHA-8055	Hot Activator Standard	1 ounce

Note: One level teaspoon approximates 2 grams of Hot Efx™ Powder Additive

HHA-6222™ Intercoat Adhesion Promoter: Used for small area and fast dry applications. The HHA-6222™ is a lower solids, alternative carrier. As a result the amount of HHM-6XXX series additive used, is typically less than the Hot Binder and topcoat quality clears.

Code	Name	Maximum Grams
HHA-6222™	Intercoat Adhesion Promoter	289.3
HHR-70X5	Hot Reducer	133.4
HHM-6XXX	Hot Efx™	2.0
	RTS Pint	424.7

Note: One level teaspoon approximates 2 grams of Hot Efx™ Powder Additive

ChromaSystem Clears: Topcoat quality clears may also be used to carry Hot EFX™ additives. For large area and maximum clarity this option may deliver the best visual impact. Please note that particle and flake control are very dependent on application. Mixing examples include:

Code	Clear Name	Pint RTS Grams Weight	Hot Efx™
72500S™	Premier Clearcoat	464	6
72200S™	Premier Clearcoat	453	6
HC-2300™	ChromaClear™	512	6

Note: One level teaspoon approximates 2 grams of Hot Efx™ Powder Additive

Application

Substrates

Apply Hot Efx™ Powder Additives over properly applied basecoats or ground coats.

Surface Preparation

Proper surface preparation is critical, especially given the additional applications to follow. Follow surface preparation guidelines for basecoat color to insure best results

Gun Setups*

Refer to gun setups for the specific carrier used for the Hot Efx™ Powder Additive

	HHM-6200™/HHM-6300™	HHM-6222™	72500S™ Clear
<i>Conventional</i>			
Siphon Feed:	1.3 mm - 1.5 mm	1.3 mm - 1.5 mm	1.3 mm - 1.4 mm
Gravity Feed:	1.3 mm - 1.5 mm	1.3 mm - 1.5 mm	1.3 mm - 1.4 mm
<i>HVLP</i>			
Siphon Feed:	1.3 mm - 1.5 mm	1.3 mm - 1.5 mm	1.3 mm - 1.4 mm
Gravity Feed:	1.3 mm - 1.5 mm	1.3 mm - 1.5 mm	1.3 mm - 1.4 mm

Air Pressure*

	HHM-6200™/HHM-6300™	HHM-6222™	Topcoat Clear
<i>Conventional</i>			
Siphon Feed:	35 - 45 psi	25 - 35 psi	40 - 55 psi
Gravity Feed:	35 - 45 psi	25 - 35 psi	40 - 55 psi
<i>HVLP</i>			
Siphon Feed:	6 - 8 psi	6 - 8 psi	9 - 10 psi
Gravity Feed:	6 - 8 psi	6 - 8 psi	9 - 10 psi

Tips for Success

- 1) Refer to the technical data sheet of the selected Hot Efx™ “carrier” for general application guidelines.
- 2) Equipment must be in optimal operating condition. Test the spray pattern for proper atomization and uniformity.
- 3) Apply the pearl coat over the entire length of the object to be painted. Do not paint panel by panel, or the overlap areas will not be uniform in appearance.
- 4) Allow extra flash off time, due to the additional coats of applied materials

See Hot Hues Hot Efx™ Powder Additives Application Guide for complete product usage instructions, VOC and safety and handling information.



The miracles of science™