



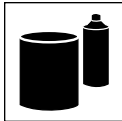
UNLEASH THE COLOR™

Hot Hues Hot Efx™ Powder Additives

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 HH-6200™ and Hot Hues Balancer HH-6300™ for maximum application control. They may also be added to the HHM-6222™ Intercoat Adhesion Promoter and to a variety of topcoat quality clears.

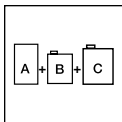
By design, these powder additives are meant to be applied over the top of ground colors, most commonly including, but not limited to white, black or silver.



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 it's own unique benefits and will have it's own unique color position. The user should select the carrier based on speed, flake control, and the size of the project. 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.



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Hot Hues Hot Efx™ Powder Additives

Hot Hues Binder HH-6200™ and Hot Hues Balancer HH-6300™: Use the HH-6200™ and HH-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®.

<i>Code</i>	<i>Name</i>	<i>Amount</i>
HH-6200	Hot Binder	208 grams
HH-6300	Hot Balancer	208 grams
HHM-6XXX	Hot Efx™	8 grams
		424 grams / Pint
71XXS	Basemaker®	Pint
HHA-8005™/HHA-8003™	Hot Activator	1 ounce

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

HHM-6222™ Intercoat Adhesion Promoter: Used for small area and fast dry applications. The HHM-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.

<i>Code</i>	<i>Name</i>	<i>Maximum Grams</i>
HHM-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.

Tips for Success

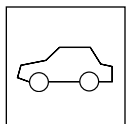
- For optimal film properties, add 1 ounce of HHA-8005™ or HHA-8003™ to a ready-to-spray quart of HHM-6222™.

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:

<i>Code</i>	<i>Pint RTS Grams Weight</i>	<i>Hot Efx™</i>
HHA-5000™	Panel Clear	464 6
HHA-5100™	Baking Clear	453 6
HHA-5400™	High Speed Clear	512 6

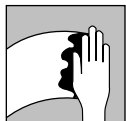
Note: One level teaspoon approximates 2 grams of Hot Efx™ Powder Additive.



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.



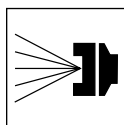
Hot Hues Hot Efx™ Powder Additives



Gun Setups

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

	HH-6200™/HH-6300™	HHM-6222™	HHC-5100™
<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

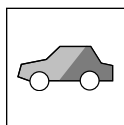


Air Pressure

	HH-6200™/HH-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

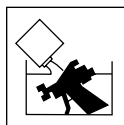
Tips for Success

- 1) Refer to the application guide 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.



Clearcoating

Always use a topcoat clear over the carrier / Hot Efx™ application to prevent flake / particle protrusion and to insure durability.



Cleanup

Clean spray equipment immediately with DuPont Lacquer Thinner.

VOC Regulated Areas

These directions refer to the use of products which may be restricted or require special mixing instructions in VOC regulated areas. Follow mixing and usage recommendations in the VOC Compliant Products Chart for your area.

Safety and Handling

Before using any DuPont Refinish product, be sure to read all safety directions and warnings. WEAR A POSITIVE-PRESSURE, SUPPLIED-AIR RESPIRATOR (NIOSH APPROVED TC-19C), EYE PROTECTION, GLOVES AND PROTECTIVE CLOTHING WHILE MIXING ACTIVATOR WITH PAINT, DURING APPLICATION AND UNTIL ALL VAPORS AND SPRAY MIST ARE EXHAUSTED. Follow respirator manufacturer's directions for respirator use. INDIVIDUALS WITH HISTORY OF LUNG OR BREATHING PROBLEMS OR PRIOR REACTION TO ISOCYANATES SHOULD NOT USE OR BE EXPOSED TO VAPOR OR SPRAY MIST. Do not permit anyone without protection in the painting area.



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