



Refinish

## DuPont™ MasterTint® Vinyl Color System

### Description

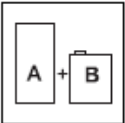
MasterTint® Vinyl Color is a fast drying, ready-to-spray, low gloss flexible coating designed for specialty applications: interior and exterior vinyl and plastic, interior and exterior trim and painting applications, and may also be used as a striping paint. MasterTint® Vinyl Colors are available in the most popular trim, underhood, and specialty colors in three levels of gloss: Low, Medium and High.

### General Information



#### Components

MasterTint® Mixing Colors  
 DuPont™ 304S™ Low Gloss Additive  
 DuPont™ 305S™ Medium Gloss Additive  
 DuPont™ 306S™ High Gloss Additive



#### Mix Ratio/Viscosity

##### Mix Ratio

MasterTint® Vinyl Color is ready-to-spray; no reduction is necessary.

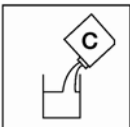
##### Viscosity

18 - 22 seconds in a Zahn #2 (DuPont M-222) cup.



#### Pot Life

Indefinite.



#### Additives

Accelerator:	Not Recommended
Fish Eye Eliminator:	Not Recommended
Flex Additive:	Not Recommended
Reducer:	5 – 10% as necessary with DuPont Lacquer Thinner
Retarder:	DuPont™ 3979S™ Acrylic Lacquer Retarder

#### Tips for Success

- Thinner may also be necessary in a blending procedure
- Additional thinning may adversely affect hiding ability

#### Tinting

MasterTint® Vinyl color may be tinted up to 5% with MasterTint® Mixing Colors.



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### Application

#### Substrates

Properly prepared plastics  
Flexible vinyl interior parts and vinyl roofs  
Plas-Stick® 2340S™ Flexible Adhesion Sealer



#### Surface Preparation

- For flexible vinyl interior parts and vinyl roofs:  
Clean with hot soapy water and rinse. Follow with a final cleaning using DuPont™ Kwik Clean 3949S™.
- For other types of plastic:  
Follow specific procedures outlined in Plastics Refinishing Guide (E-R1879)

#### Tips for Success

- *Extreme caution should be used when cleaning flexible vinyl. Harsh solvent products can soften the vinyl, preventing the MasterTint® Vinyl Color from properly drying and/or adhering.*
- *Do not use MasterTint® Vinyl on carpet, leather, other natural fiber substrates or convertible tops. Severe damage could result.*



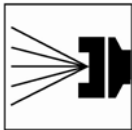
#### Gun Setups\*

##### Conventional

Siphon Feed: 1.4 mm - 1.6 mm (.055" - .063")  
Gravity Feed: 1.4 mm - 1.5 mm (.055" - .059")

##### HVLP

Siphon Feed: 1.4 mm - 1.6 mm (.055" - .063")  
Gravity Feed: 1.4 mm - 1.6 mm (.055" - .063")



#### Air Pressure\*

##### Conventional

Siphon Feed: 30 - 35 psi @ the gun  
Gravity Feed: 25 - 30 psi @ the gun

##### HVLP

6 - 8 psi @ the gun cap.

\*The listed setups cover the usual range for various application equipment. For information on specific manufacturers' equipment, see the Appendix section titled "Equipment Information"

### Application

Apply 2 - 4 coats until hiding and color match are achieved.

#### Flash/Dry Times

Flash between Coats: 5 minutes.  
Dry Time: 30 minutes.  
Force Dry: Not Recommended.





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### Miscellaneous

DuPont 304S™ Low Gloss: Used for low gloss interior parts and matted exterior trim colors.  
Degree of Gloss @ 60 degree angle = 1-10

DuPont 305S™ Medium Gloss: Used for vinyl roofs, some interior trim parts, and semi-gloss exterior trim colors.  
Degree of Gloss @ 60 degree angle = 10-20

DuPont 306S™ High Gloss: Used for higher gloss interior and exterior trim  
Degree of Gloss @ 60 degree angle = 20-30



### Cleanup

Clean spray equipment as soon as possible with DuPont™ Lacquer Thinner.

### Physical Properties

VOC:	7.0 lbs/gal maximum
Theoretical Coverage:	238 sq. ft. (silver) and 267 sq. ft. (white) per RTS gal. at 1 mil.
Weight Solids:	22.8% (silver) and 31.5% (white) ready-to-spray
Volume Solids:	14.8% (silver) and 16.6% (white) ready-to-spray
Recommended Dry Film Thickness:	1.5 - 2.0 mils in 2 - 4 coats.
Flash Point:	See MSDS.

### 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 usage and recommendations in the VOC Compliant Products Chart for your area.

### Safety and Handling

For industrial use only by professional, trained painters. Not for sale to or use by the general public. Before using, read and follow all label and MSDS precautions. If mixed with other components, mixture will have hazards of all components.

Ready to use paint materials containing isocyanates can cause irritation of the respiratory organs and hypersensitive reactions. Asthma sufferers, those with allergies and anyone with a history of respiratory complaints must not be asked to work with products containing isocyanates.

Do not sand, flame cut, braze or weld dry coating without a NIOSH approved air purifying respirator with particulate filters or appropriate ventilation, and gloves.



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H-19313  
E-R 2943

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*DuPont Performance Coatings* 3