



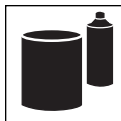
DuPont Automotive Finishes

DuPont™ MasterTint® Vinyl Color System

Description

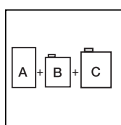
MasterTint® Vinyl Color is a fast drying, ready-to-spray, low gloss flexible coating designed for specialty applications: interior and exterior vinyl and plastic, interior and exterior trim and painting applications, and may also be used as a striping paint. MasterTint® Vinyl Colors are available in 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



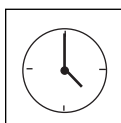
Mix Ratio/Viscosity

Mix Ratio

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

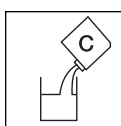
Viscosity

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



Pot Life

Indefinite.

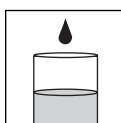


Additives

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

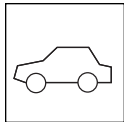


Tinting

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

DuPont™ MasterTint® Vinyl Color System

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)
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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.*
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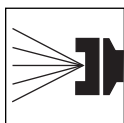
Gun Setups

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")

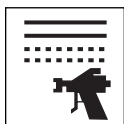


Air Pressure

Conventional

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

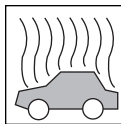
HVLP 6 - 8 psi @ the gun cap.



Application

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

DuPont™ MasterTint® Vinyl Color System



Flash/Dry Times

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

Miscellaneous

DuPont 304S™ Low Gloss: Used for low gloss interior parts and matted exterior trim colors.

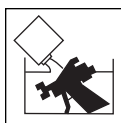
Degree of Gloss @ 60 degree angle = 1-10

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 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 PROPERLY FITTED AIR PURIFYING RESPIRATOR with organic vapor cartridges (NIOSH approved TC-23C) and particulate filter (NIOSH TC-84A), eye protection, gloves and protective clothing during application and until all vapors and spray mists are exhausted. In confined spaces, or in situations where continuous spray operations are typical, or if proper air purifying respirator fit is not possible, wear a positive-pressure, supplied air respirator (NIOSH TC-19). In all cases follow respirator manufacturer's directions for respirator use. Do not permit anyone without protection in the painting area. This product is intended for industrial use only by professional, trained painters.

