



GENERAL INFORMATION

Matrix Edge™ FX Candy Concentrates can be added to either MPB-500LV Basecoat Blender to create Candy basecoats, or AG-40 or AG-40LV Clearcoats for Urethane Candies, to create brilliant 3 stage candy custom colors. Matrix Edge FX Candy Concentrates can be used over one of the 24 Matrix Edge FX groundcoats or any Matrix Edge basecoat for a truly unique custom color.



1. COMPONENTS

- EFX-101 Cognac Candy Concentrate
- EFX-102 Tequila Gold Candy Concentrate
- EFX-104 Jupiter Blue Candy Concentrate
- EXF-105 Jewel Topaz Candy Concentrate
- EXF-107 Bourbon Candy Concentrate
- EXF-108 Nectarine Candy Concentrate
- EXF-109 Emerald Green Candy Concentrate
- EXF-110 Intensely Purple Candy Concentrate
- EXF-111 Candy Red Candy Concentrate
- EFX-112 Gold Mine Candy Concentrate
- EFX-113 Amethyst Candy Concentrate
- EFX-115 Torrid Teal Candy Concentrate
- MPB-500LV Basecoat Color Blender
 - MR-0960 Premium Urethane Reducer - Cool
 - MR-0970 Premium Urethane Reducer - Med
 - MR-0985 Premium Urethane Reducer - Hot
 - MR-0995 Premium Urethane Reducer - V. Hot
 - MH-061 Premium Hardener - Fast
- AG-40 Autoglas® Urethane Clearcoat
 - AH-401 Euro Design Hardener - Fast
 - AH-402 Euro Design Hardener - Medium
 - AH-403 Euro Design Hardener - Slow
 - AH-404 Euro Design Hardener - Very Slow
- AG-40LV Autoglas® 2.1 VOC Urethane Clearcoat
 - AH-201 Euro Design Hardener Low VOC - Fast
 - AH-202 Euro Design Hardener Low VOC - Med
 - AH-203 Euro Design Hardener Low VOC - Slow



2. Mixing Ratios

- To create **Candy Basecoats** with MPB-500LV:
 - Mix one (1) part MPB-500LV to 5%-8% of Edge FX Candy Concentrate
 - Take the MPB-500LV/Candy Concentrate mixture and mix it as follows:
 - One (1) part to one (1) MR-0900 series reducer to 1% of MH-061 Premium Hardener
- To create **Urethane Candies** with AG-40:
 - Mix one (1) part AG-40 to 5%-10% of Edge FX Candy Concentrate
 - Take the AG-40/Candy Concentrate mixture and mix it as follows:
 - Two (2) parts to one (1) part of AH-400 series hardeners
- To create **Urethane Candies** with AG-40LV:
 - Mix one (1) part AG-40LV to 5%-10% of Edge FX Candy Concentrate
 - Take the AG-40LV/Candy Concentrate mixture and mix it as follows:
 - Two (2) parts to one (1) part of AH-200 series hardeners



3. Pot Life @ 77°F (25°C)

- **Candy Basecoats** using MPB-500LV – up to 2 hours
- **Urethane Candies** using AG-40/AG-40LV – 30-60 minutes



4. CLEAN UP

- Clean equipment immediately after use (check local regulations)



5. ADDITIVES

- N/A



6. SURFACE PREPARATION

- Reference Edge Premium Basecoat TDS for basecoat application and preparation



7. SUBSTRATES

- For application over Edge Premium Basecoat



8. APPLICATION

- Apply Edge Premium Basecoat System per TDS
- Apply approximately 3-4 coats of candy color with a 75% overlap.
- Always do a let-down spray-out panel, so you can identify how many coats will achieve the desired color.

9. Clearcoats

- AG-40 Autoglas® Urethane Clearcoat
- AG-40LV Autoglas® 2.1 VOC Urethane Clearcoat



10. FLASH/DRY TIMES - AIR DRY @77°F (25°C)

- **Candy Basecoats** using MPB-500LV

Flash between Coats	10-15 minutes or until completely dull
Tape Time	35 minutes
To Clearcoat	30 minutes

- **Urethane Candies** using AG-40/AG-40LV

Flash between Coats	15-20 minutes or until completely dull
To Clearcoat	30 minutes



11. SPRAY GUN SET UP

HVLP/LVLP – Fluid Tip Size	1.3 mm – 1.4 mm
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AIR PRESSURES

Refer to spray gun manufacturer's recommendation for regulatory compliance



12. PHYSICAL DATA

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12. PHYSICAL DATA

RTS REGULATORY DATA WHEN MIXED WITH MPB-500LV @ 8.0% EXF-108	1:1:1% By Volume	
	MPB-500LV/EFX: MR-0970: MH061	
	LBS/GAL	g/L
Actual VOC	4.5 Max	536 Max
Regulatory VOC (less water and exempts)	5.3 Max	635 Max
Density	7-9	840-1075
	WT. %	VOL. %
Total Solids Content	10-15	8-13
Total Volatile Content	85-90	87-92
Water	0	0
Exempt Compound Content	29-34	27-32
Coating Category	Multi-Stage	

RTS REGULATORY DATA WHEN MIXED WITH AG-40LV @ 10.0% EXF-108	2:1 By Volume	
	AG-40/EFX: AH-401	
	LBS/GAL	g/L
Actual VOC	4.5 Max	515 Max
Regulatory VOC (less water and exempts)	4.5 Max	515 Max
Density	7.5-9.5	900-1150
	WT. %	VOL. %
Total Solids Content	44-51	37-44
Total Volatile Content	49-56	53-63
Water	0	0
Exempt Compound Content	0	0
Coating Category	Multi-Stage	

If used as instructed, this product is designed to comply with Volatile Organic Compound (VOC) Standards in low-VOC jurisdictions, for Automobile Refinish Coatings. Confirm compliance with state and local air quality rules before use. The data on this sheet represent typical values. Since application variables are a major factor in product performance, this information should serve only as a general guide. Valspar assumes no obligation or liability for use of this information. UNLESS VALSPAR AGREES OTHERWISE IN WRITING, VALSPAR MAKES NO WARRANTIES, EXPRESS OR IMPLIED, AND DISCLAIMS ALL IMPLIED WARRANTIES INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR FREEDOM FROM PATENT INFRINGEMENT. VALSPAR WILL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES. Your only remedy for any defect in this product is the replacement of the defective product, or a refund of its purchase price, at our option.



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1. COMPONENTS

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- EFX-104 Jupiter Blue Candy Concentrate
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- EXF-108 Nectarine Candy Concentrate
- EXF-109 Emerald Green Candy Concentrate
- EXF-110 Intensely Purple Candy Concentrate
- EXF-111 Candy Red Candy Concentrate
- EFX-112 Gold Mine Candy Concentrate
- EFX-113 Amethyst Candy Concentrate
- EFX-115 Torrid Teal Candy Concentrate
- MPB-500LV Basecoat Color Blender
 - MBR-1100 Low VOC Reducer - Fast
 - MBR-1200 Premium Urethane Reducer - Med
 - MBR-1300 Premium Urethane Reducer - Slow
 - MH-061 Premium Hardener - Fast
- AG-40LV Autoglas® 2.1 VOC Urethane Clearcoat
 - AH-201 Euro Design Hardener Low VOC - Fast
 - AH-202 Euro Design Hardener Low VOC - Med
 - AH-203 Euro Design Hardener Low VOC - Slow



2. MIXING RATIOS

- To create **Candy Basecoats** with MPB-500LV:
 - Mix one (1) part MPB-500LV to 4.5% of Edge FX Candy Concentrate
 - Take the MPB-500LV/Candy Concentrate mixture and mix it as follows:
 - One (1) part to one (1) MBR-LV series reducer to 1% of MH-061 Premium Hardener
- To create **Urethane Candies** with AG-40LV:
 - Mix one (1) part AG-40LV to 5%-10% of Edge FX Candy Concentrate
 - Take the AG-40LV/Candy Concentrate mixture and mix it as follows:
 - Two (2) parts to one (1) part of AH-200 series hardeners



3. Pot Life @ 77°F (25°C)

- **Candy Basecoats** using MPB-500LV – up to 2 hours
- **Urethane Candies** using AG-40LV – 30-60 minutes



4. CLEAN UP

- Clean equipment immediately after use (check local regulations)



5. ADDITIVES

- N/A



6. SURFACE PREPARATION

- Reference Edge Premium Basecoat TDS for basecoat application and preparation



7. SUBRATES

- For application over Edge Premium Basecoat



8. APPLICATION

- Apply Edge Premium Basecoat System per TDS
- Apply approximately 3-6 coats of candy color with a 75% overlap.
- Always do a let-downs spray-out panel, so you can identify how many coats will achieve the desired color.

9. CLEARCOAT

- AG-40LV Autoglas® 2.1 VOC Urethane Clearcoat



10. FLASH/DRY TIMES - AIR DRY @77°F (25°C)

• Candy Basecoats using MPB-500LV	
Flash between Coats	10-15 minutes or until completely dull
Tape Time	35 minutes
To Clearcoat	30 minutes
• Urethane Candies using AG-40LV	
Flash between Coats	15-20 minutes or until completely dull
To Clearcoat	30 minutes



11. SPRAY GUN SET UP

HVLP/LVLP – Fluid Tip Size	1.3 mm – 1.4 mm
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AIR PRESSURES

Refer to spray gun manufacturer's recommendation for regulatory compliance.



12. PHYSICAL DATA

SEE PAGE 2



12. PHYSICAL DATA

RTS REGULATORY DATA WHEN MIXED WITH MPB-500LV @ 4.5% EFX-108	1:1:1% By Volume	
	MPB-500LV/EFX: MBR-1200: MH061	
	LBS/GAL	g/L
Actual VOC	1.5 Max	165 Max
Regulatory VOC (less water and exempts)	3.5 Max	420 Max
Density	8.5-10.5	1015-1250
	WT. %	VOL. %
Total Solids Content	8-13	8-13
Total Volatile Content	87-92	87-92
Water	0	0
Exempt Compound Content	78-84	78-84
Coating Category	Multi-Stage	

RTS REGULATORY DATA WHEN MIXED WITH AG-40LV @ 10.0% EFX-108	2:1 By Volume	
	AG-40LV/EFX: AH-201	
	LBS/GAL	g/L
Actual VOC	1.5 Max	170 Max
Regulatory VOC (less water and exempts)	2.5 Max	290 Max
Density	8-9	960-1200
	WT. %	VOL. %
Total Solids Content	40-47	37-44
Total Volatile Content	53-60	53-63
Water	0	0
Exempt Compound Content	39-44	38-43
Coating Category	Multi-Stage	

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