



# CROMAX<sup>®</sup> MOSAIC<sup>™</sup> BASECOAT



## GENERAL

### DESCRIPTION

A low VOC and 6H compliant (target HAPs free) solvent borne basecoat that delivers true collision repair capability, has excellent color match and meets low VOC regulations in most air districts across the US and Canada. Cromax Mosaic doesn't require investment in new equipment and extensive training. Cromax Mosaic is available in a wide choice of solid, metallic, pearl and special effect colors for spot, panel and overall repairs.

The products referenced herein may not be available for sale in your market. Please consult your distributor for product availability.



## MIXING

### COMPONENTS

- Cromax<sup>®</sup> Mosaic<sup>™</sup> Basecoat (B Quality)
- SBL6665S<sup>™</sup> Application Adjustment Binder 65°F (18°C)
- SBL6627S<sup>™</sup> Application Adjustment Binder 75°F (24°C)
- SBL6629S<sup>™</sup> Application Adjustment Binder 85°F (29°C)
- SBL6699S<sup>™</sup> Application Adjustment Binder 95°F (35°C)
- SBL877S<sup>™</sup> Blender
- LE series clearcoat activators (Optional)

	65°F (18°C)	75°F (24°C)	85°F (29°C)	95°F (35°C)
Spot Repair	6665S <sup>™</sup>	6627S <sup>™</sup>	6627S <sup>™</sup>	6629S <sup>™</sup>
Panel Repair	6665S <sup>™</sup>	6627S <sup>™</sup>	6629S <sup>™</sup>	6699S <sup>™</sup>
Overall Repair	6665S <sup>™</sup>	6629S <sup>™</sup>	6699S <sup>™</sup>	6699S <sup>™</sup>

### Tips for Success

- Application Adjustment Binders may be intermixed depending on temperature and size of repairs.
- SBL877S<sup>™</sup> Blender can be added to RTS Mosaic<sup>™</sup> basecoat for blending spray sensitive colors such as high metallics and some pearls.

### MIX RATIO

Component	Volume
Cromax <sup>®</sup> Mosaic <sup>™</sup> Basecoat (B Quality)	1
SBL66XXS Application Adjustment Binder	2

### Activation option:

- For optimum performance, add 1 oz. of clearcoat activator per RTS quart of Mosaic<sup>™</sup> basecoat. Use the same activator that will be used for the subsequent clearcoat.
- For a Lifetime Warranty, Mosaic basecoat must be activated.

### Tips for Success

- Use mixing stick for accurate measurements.
- Use activated basecoat within 2 hours for optimum performance.
- Do not use activated basecoat after the 8-hour pot life.

### VISCOSITY

15-17 seconds in a Zahn #2 cup

### POT LIFE

- Indefinite (unactivated)
- Use (unactivated) RTS basecoat within 7 days
- 8 hours (activated)



**ADDITIVES**

Accelerator: Not recommended  
 Fish Eye Eliminator: Not recommended  
 Flex Additive: Not recommended

**Tips for Success**

- If fish eyes occur, allow the basecoat to dry thoroughly, then apply dry coats of basecoat to bridge the affected area.

**TINTING**

- Up to 5% with Mosaic™ mixing colors  
 The AcquireRX™ EFX will adjust ColorNet® formulas for Mosaic™ Basecoat (B quality)



**APPLICATION**

**SUBSTRATES**

Properly sanded OEM finishes  
 Cromax® Premier LE LE3401S™ / LE3404S™ / LE3407S™ Urethane Primer Filler  
 Cromax® Premier LE LE3410S™ / LE3440S™ / LE3470S™ Urethane Primer Sealer  
 Cromax® V-2910S™ / V-2940S™ / V-2970S™ LF DTM Epoxy Primer  
 Cromax® Premier LE A-3130S™ UVA Primer Surfacer  
 Properly prepared flexible and plastic parts

**National Rule Undercoats:**

ChromaPremier® Pro 33430S™ Productive Primer Sealer  
 ChromaBase® “4 to 1” 7701S™ / 7704S™ / 7707S™ 2K Urethane Primer Filler  
 ChromaPremier® 42400S™ / 42410S™ / 42440S™ / 42470S™ 2K Premier Sealer  
 ChromaBase® “4 to 1” 7710S™ / 7740S™ / 7770S™ Urethane Sealer

**SURFACE PREPARATION**

Prepare all surfaces to be repainted using the recommended undercoat systems, following recommended procedures.

**SANDING**

	<b>Sanding with No sealer</b>	<b>Sanding with Sealer</b>
Dry Mechanical	P500	P400
Dry Hand	P500	P400
Wet	P600 or finer	P500 or finer

**GUN SETUPS**

Compliant  
 Gravity Feed: 1.3-1.4 mm  
  
 HVLP  
 Gravity Feed: 1.3-1.4 mm

**AIR PRESSURE**

<b>Compliant</b>	<b>Spot/Panel/Overall</b>
Gravity Feed:	18-20 psi at the gun
HVLP	
Gravity Feed:	18-20 psi at the gun

Refer to manufacturer directions for spray gun specific recommendations

**APPLICATION**

Apply 2-3 medium coats or until hiding and color match are achieved. Flash 5 minutes between coats.

For high aluminum colors an “effect” coat can be applied for flake orientation:



Option 1: Apply a mist coat “increased gun distance” immediately after coverage is achieved.

Option 2: Apply a drop coat with lower pressure after the coverage coat has dried.

**CLEANUP**

Clean spray equipment immediately after use with any equipment cleaner.

**BLENDING**

Key for high aluminums

- Spot color to full hide
- Mix RTS spot color 200% with SBL877S™ blender, fading color outside of spot repair
- Clearcoat full panel area

**Keys for success**

- Tapering out each consecutive coat to melt the new color into the old color.
- Use SBL887S Blender for difficult to blend color, optimal flake control, improved edge wetting and improved melt-in.

**CLEARCOATS**

- Cromax® LE LE5100S™ Multi-Panel Clearcoat
- Cromax® LE LE5400S™ Snap Dry Clearcoat
- Cromax® LE LE5600S™ Air Dry Productive Clearcoat
- Cromax® Premier LE LE8300S™ Productive Clearcoat
- Cromax® Premier LE LE8700S™ Premium Appearance Clearcoat

**National Rule Clearcoats:**

- ChromaPremier® 72500S™ Premium Appearance Clearcoat
- ChromaClear® 7400S™ Non-Stop Clearcoat
- ChromaClear® 7900S™ Multi-Use Clearcoat
- ChromaBase® “4 to 1” G2-7779S™ Panel and Overall Clearcoat
- ChromaBase® “4 to 1” HC-7776S™ Snap Dry Clearcoat
- ChromaClear® G2-4500S™ Ultra Productive Baking Clear



**DRY TIMES**

**AIR DRY**

Flash before Clearcoat:	20-40 minutes*
Flash before Tape:	30-60 minutes
Flash before Two-Toning:	30-60 minutes
Max Allowable Dry before Clearcoating:	24 hours

\*Flash before clearcoat is equal to 10 minutes per coat times the number of coats.

**FORCE DRY**

Not recommended

**RECOATABILITY/RE-REPAIR**

Cromax® Mosaic™ Basecoat may be recoated with itself within 24 hours.



**SANDING / COMPOUNDING / POLISHING**

**SANDING**

Cromax® Mosaic™ Basecoat can be nib or color sanded upon dry. Any nibbed or sanded color coat must be recoated with itself prior to clearcoating.

- Nib: P1000 grit
- Color sanding: P800 Wet



**PHYSICAL PROPERTIES**

**READY TO SPRAY MOSAIC BASECOAT 1:2 WITH SBL66XXS**

Max. VOC (LE)	407 g/L (3.4 lbs./gal)
Max. VOC (AP)	100 g/L (.8 lbs./gal)
Avg. Gal Weight	1155 g/L (9.64 lbs./gal)
Avg. Wt.% Volatiles	85.5%
Avg. Wt.% Exempt Solvent	76.7%
Avg. Wt.% Water	.1%
Avg. Vol.% Exempt Solvent	75.4%
Avg. Vol.% Water	.1%
Avg. T-Butyl Acetate Per Volume Mix	155 g/L (1.29 lbs./gal)
Flash Point:	See MSDS/SDS
Recommended Dry Film Thickness:	0.4-1.8 mils

\*All Physical Property data is with T-Butyl Acetate being recognized as an exempt solvent.

Component	Component Product Density (g/L)	Component T-Butyl Acetate Density (g/L)	Component	Component Product Density (g/L)	Component T-Butyl Acetate Density (g/L)
SBL01	1608	143	SBL61	979	188
SBL02	1028	66	SBL62	995	206
SBL03	1262	281	SBL624B	911	558
SBL05	1004	173	SBL626B	931	412
SBL07	976	154	SBL64	1007	170
SBL10	1019	195	SBL66	1015	139
SBL11	1051	225	SBL6627S	1234	13
SBL13	1045	225	SBL6629S	1242	13
SBL14	1050	215	SBL6665S	1156	8
SBL16	1022	197	SBL6699S	1244	9
SBL18	983	207	SBL70	977	157
SBL19	1047	213	SBL78	1031	217
SBL20	970	295	SBL79	1049	224
SBL21	1000	187	SBL81	1303	214
SBL26	980	236	SBL82	1040	80
SBL27	964	315	SBL84	1034	74
SBL28	990	258	SBL85	1050	160
SBL29	1029	147	SBL86	1033	123
SBL30	1015	220	SBL877S	1149	129
SBL31	982	167	SBL90	1106	183
SBL32	1025	238	SBL908	998	361
SBL33	977	219	SBL91	1100	163
SBL41	1276	184	SBL913	1065	385
SBL43	1011	277	SBL915	1007	360
SBL45	970	321	SBL93	973	186
SBL46	1038	212	SBL94	1053	223
SBL50	1029	192	SBL95	1050	221
SBL53	1056	119	SBLT25B	862	852
			SBL9900B	956	447



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## 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.

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## 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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In the United States:  
**1.855.6.AXALTA**  
**cromax.us**

In Canada:  
**1.800.668.6945**  
**cromax.ca**

