2363S™ LOW VOC MATTING ADDITIVE

GENERAL

DESCRIPTION

A low VOC matting additive designed for use in National Rule markets to reduce gloss of Cromax® clearcoats.

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

MIXING

COMPONENTS

2363S™ Low VOC Matting Additive
ChromaPremier® Pro 74500S™ Productive Clearcoat
ChromaPremier® Pro 74700S™ Productive Express Clearcoat
ChromaBase® "4 to 1" HC-7776S™ Snap Dry Clearcoat
ChromaClear® 7400S™ Non-Stop Clearcoat

Shake well before use. Mix 2363S™ with clearcoats as described below and mix well to achieve the desired level of gloss.

MIX RATIO

Mix by weight as indicated in the table. Cumulative weight in grams per pint.

ChromaPremier® Pro 74500S™ Productive Clearcoat

	Flat (2-10 Gloss)	Low-Egg Shell (10-20 Gloss)	High-Egg Shell (20-30 Gloss)	Semi-Gloss (50-60 Gloss)
74500S™	70.6	79.0	89.2	106.0
2363S™	341.0	333.6	325.1	310.8
14305S™	449.7	442.9	435.0	421.8
14375S™	504.0	501.0	497.5	491.6

74500S™ with 2363S™ can be baked 45 minutes at 140°F (60°C). Time to assemble and time to deliver is 2 hours after bake.

ChromaPremier® Pro 74700S™ Productive Express Clearcoat

	Flat (2-10 Gloss)	Low-Egg Shell (10-20 Gloss)	High-Egg Shell (20-30 Gloss)	Semi-Gloss (50-60 Gloss)
74700S™	60.4	69.5	76.6	93.8
2363S™	313.9	310.3	307.3	297.4
14305S™	412.9	410.1	408.2	400.0
14375S™	495.8	493.8	492.2	487.5

74700S™ with 2363S™ can be baked 10 minutes at 120°F (49°C). Time to assemble and time to deliver is the next day.

ChromaBase® "4 to 1" HC-7776S™ Snap Dry Clearcoat

	Flat (2-10 Gloss)	Low-Egg Shell (10-20 Gloss)	High-Egg Shell (20-30 Gloss)	Semi-Gloss (50-60 Gloss)
HC-7776S™	93.0	109.8	123.5	151.7
2363S™	338.1	339.3	340.2	342.8
7775S™	446.5	447.2	447.9	449.4
14375S™	490.2	486.9	484.3	478.9

HC-7776S™ with 2363S™ can be baked 10 minutes at 120°F (49°C). Time to assemble and time to deliver is the next day.

ChromaClear® 7400S™ Non-Stop Clearcoat

	Flat (2-10 Gloss)	Low-Egg Shell (10-20 Gloss)	High-Egg Shell (20-30 Gloss)	Semi-Gloss (50-60 Gloss)
7400S™	56.2	66.5	81.6	110.5
2363S™	379.8	377.4	373.6	368.2
7405S™	476.2	473.9	470.5	465.3
14375S™	518.6	516.1	512.2	505.3

7400S™ with 2363S™ can be baked 10 minutes at 120°F (49°C). Time to assemble and time to deliver is the next day.

POT LIFE
30-60 minutes. Mix the appropriate amount of material for the job and clean equipment immediately after use.

APPLICATION

SUBSTRATES
Cromax® Pro Basecoat
Cromax® EZ Basecoat
Cromax® XP Basecoat
ChromaBase® Basecoat
ChromaPremier® Basecoat

GUN SETUPS
Compliant
Gravity Feed: 1.2 mm-1.5 mm

HVLP
Gravity Feed: 1.2 mm-1.5 mm

Tips for Success
The gun setup used for the clearcoat can be used for 2363S™ in combination with the clearcoat.

AIR PRESSURE
Compliant
Gravity Feed: 27-29 psi at the gun

HVLP
Gravity Feed: 7-10 psi at the gun

Tips for Success
The air pressure used for the clearcoat can be used for 2363S™ in combination with the clearcoat.

APPLICATION
Apply 2 light medium coats without flash between coats. This technique will produce the most uniform gloss. You can add 5% ChromaPremier® Pro 14375S™ Fast Reducer (1 ½ oz. per RTS quart) to the ready to spray product to improve application while maintaining VOC compliance.

Tips for Success
To achieve a uniform finish with consistent gloss on a routine basis:
- Keep film builds in the lower range of recommendations
- Allowing minimum flash times between coats
- Ensure consistent spray overlap during application
- Bake the clearcoat versus allowing it to air dry

Items that will impact final gloss are total clearcoat film build, bake temperature and bake schedule. A good practice is to prepare a spray out panel to evaluate the gloss position.

RECOATABILITY/RE-REPAIR
Allow overnight dry before performing re-repair operations.

CLEANUP
Clean spray equipment as soon as possible with a cleaner.

SANDING

The use of 2363S™ in clearcoat will slow dry times and cure times. Allow additional dry time before processing.

PHYSICAL PROPERTIES

All Values Ready To Spray

	74500S™	74700S™
Max. VOC (LE):	426 g/L (3.6 lbs./gal)	459 g/L (3.8 lbs./gal)
Max. VOC (AP):	345 g/L (2.9 lbs./gal)	372 g/L (3.1 lbs./gal)
Avg. Gal. Wt.:	1064 g/L (8.88 lbs./gal)	1055 g/L (8.80 lbs./gal)
Avg. Wt.% Volatiles:	55.9%	59.0%
Avg. Wt.% Exempt Solvent:	25.6%	25.3%
Avg. Wt.% Water:	0.0%	0.0%
Avg. Vol.% Exempt Solvent:	21.7%	21.4%
Avg. Vol.% Water:	0.0%	0.0%

	HC-7776S™	7400S™
Max. VOC (LE):	465 g/L (3.9 lbs./gal)	345 g/L (2.9 lbs./gal)
Max. VOC (AP):	334 g/L (2.8 lbs./gal)	234 g/L (1.9 lbs./gal)
Avg. Gal. Wt.:	1038 g/L (8.66 lbs./gal)	1095 g/L (9.14 lbs./gal)
Avg. Wt.% Volatiles:	62.6%	56.6%
Avg. Wt.% Exempt Solvent:	30.6%	36.0%
Avg. Wt.% Water:	0.0%	0.0%
Avg. Vol.% Exempt Solvent:	28.4%	33.2%
Avg. Vol.% Water:	0.0%	0.0%

Theoretical Coverage:	512 sq. ft. per RTS gallon at 1 mil
Recommended Dry Film Thickness:	1.8-2.2 mils in 2 coats
Flash Point:	Refer to the MSDS/SDS

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/SDS 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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