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*From the Stars to your Cars*

Technical Data Sheet  
**Matte Clear 1610-15**

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**Product Description and Purpose**

Matte Clear is a low gloss clear for special finish work. Matte Clear maintains clarity to ensure color tone and the brilliance of solid, metallic, and pearl effects. The exclusive anti-settling formulation provides consistent, predictable, gloss adjustment for any Orion Color choice.

**Quick Start Guide**

Product:	<b>Matte Clear 1610-15</b>	
Mix Ratio:	4 Parts	Matte Clear 1610-15
	1 Part	Matte Clear Hardener 11-15
	2 Parts	Urethane Reducer 594-UR60, 70 ,80
Number of layers:	2	(Additional coats will increase product gloss)
Items Needed:	Matte Clear	1610-15
	Matte Clear Hardener	11-15
	Urethane Reducer	594-UR60,70, or 80

## Acceptable Substrates

Orion Base Color. Including 2 & 3 Stage OEM Colors, Custom Mixed Orion Base Colors, Orion Brand Urethane Clearcoats, and OEM Finishes

## Substrate Preparation

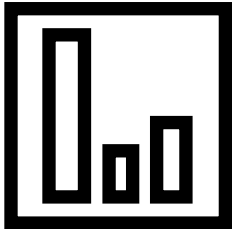
All surfaces shall be cleaned prior to performing sanding, or spraying activity.  
594-30 Wax and Grease Remover

Orion Base Color should be completely flash dried, approx 20-30 minutes

OEM finishes and Orion Urethane Clearcoat:  
Sand with P320-P400 Dry P600-P800 Wet

It is recommended to apply Matte Clear 1610-15 to complete panels only.

## Mixing Ratios and Optional



4 Parts	Matte Clear 1610-15
1 Part	Matte Clear Hardener 11-15
2 Parts	Urethane Reducer 594-UR60, 70, 80

## Application

2 Single coats.

Topcoat grade gun 1.3-1.5 @ 16-20 PSI individual guns vary.

Allowing adequate flash times will improve cure and speed overall dry times.

Note: Additional coats will change (increase) gloss to a more “satin” look.

## **Additives**

Orion Automotive Finishes does not offer, or require, any additives for this product.

## **Dry Times/Pot Life @ 77F/25C**

(Dry/Flash times dependent on layer thickness)

Flash time between coats:	10 minutes (until finish has achieved a matte look)
Dry to handle:	45-60 minutes
Pot Life:	60 minutes
Dry time:	12 Hours
Bake time:	After 10 purge 30-60 Minutes @140F/60C
Time to Polish:	Polishing is not recommended as it will ruin the matte gloss effect.

## **Recoating**

Recoating with itself, additional artistic color plan, or repair can be done after 24 hours. Follow preparation instructions for existing finishes.

## **Safety and Emissions Data**

Color: Semi Transparent

The appropriate selection of this product is based on many local factors and is ultimately most accurate when made by the customer. To assist in issues with regard to product selection please contact Orion Automotive Finishes.

The contents of the package must be blended with other components before the product can be used. Any mixture of components will have hazards of all components. Before opening the packages, read all warning labels. Follow all precautions. The material is designed for application only by professionally trained personnel using proper equipment under controlled conditions, and is not intended for sale to the general public.

**SEE SDS AND PRODUCT LABELS FOR ADDITIONAL SAFETY INFORMATION.**

**NOTE: Orion Automotive Finishes products are not recommended for use in temperatures below 65°F. Use below these temperatures will effect dry times and performance.**