

# Technical Data Sheet

Euro Classic Clearcoat is designed for applications requiring the ultimate finish appearance. This high solids clearcoat provides optimum flow and leveling, and imparts a glass-like finish. It has excellent flexibility and is resistant to stone chips and abrasions. Ideal for use over single stage or base/clear applications. May be used in air dry, downdraft, or force dry applications.

## SUITABLE SUBSTRATES

Substrate		Substrate		Substrate	
Solvent-borne Basecoat	✓	Waterborne Basecoat	✓	Acrylic Lacquer	
1K Enamel		2K Enamel	✓		
OEM Finish & Old Paint Work - Reversible		OEM Finish & Old Paint Work - Non-Reversible	✓		

## MIXING



By Volume: 2 parts 7021/7024 Euro Classic Clearcoat  
1 part 7086/7088/7096 Euro Classic Activators  
Optional: Up to 10% 6700 or 6700-F Series Urethane Grade Reducer\*

Pot Life 2 hours (@70°F (21°C) and 50% relative humidity)

\* Use reducer according to shop conditions. Using reducers other than Zero VOC Urethane Grade Reducers will increase VOC.

## FLASH TIMES/DRY TIMES



Flash Between Coats 10-15 minutes  
Dust Free 30-45 minutes  
Dry to Sand 16+ hours  
Delivery 16+ hours MIN  
Force Drying 40 minutes @ 140°F (60°C) after a 15 minute flash

Activator	Flash Time	Dust Free
7086/7088 Fast	10-15 min	30-35 min
7096 Slow	10-15 min	35-45 min

## SURFACE PREPARATION



Tack surface thoroughly before application.

## SPRAY GUN SET-UP/APPLICATION



Gun Type HVLP/LVLP Gravity Feed  
Fluid Tip 1.2 - 1.4 1.2 - 1.4  
Air Pressure 10 PSI @ aircap 25 - 35 PSI @ gun inlet  
Mil Thickness: 1.2 mil per coat (dry film thickness) Must have a minimum of 2.2 mils and not to exceed 3.6 mils.

## LIMITATIONS & PRECAUTIONS

- For use only by professional, trained painters. Not for sale to or use by the general public.
- Before use, read and follow all TDS, label and SDS precautions.
- See next page for more detailed production application.

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## SPRAY GUN SET-UP

Gun Type	Siphon Feed	Gravity Feed	Pressure Feed	HVLP/LVLP
Fluid Tip	1.4-1.6 mm	1.2-1.4 mm	1.0-1.2 mm	1.2-1.4 mm
Air Pressure	35-45 PSI (@gun)	25-35 PSI (@ gun)	40-50 PSI (@ gun)	10 PSI (@ aircap)
Fluid Pressure	N/A	N/A	8-10 PSI	N/A

*Always refer to gun manufacturer's recommendation for proper set up and spray pressure.*

## SURFACE PREPARATION

Tack thoroughly before application.

For blending clearcoat refer to SOP #513 and # 514.

## ADDITIVES

**Additives:** Kicker (6417) - Not recommended. The use of accelerators can lead to pin holing, die back & other defects.  
 Appearance Improver (6487) - Can be used at a rate of 1-2 oz per sprayable quart.  
 Fisheye Remover (6737) - Can be used at a rate of ½ oz per sprayable quart.  
 Universal Urethane Flex Additive (9194) - Use with soft, flexible substrates. Refer to 9194 TDS for mixing information.

## APPLICATION & FILM BUILD

Apply 2-3 flowing coats. Flash for 10-15 minutes between coats. Keep spray gun nozzle 6-10 inches from vehicle to avoid entrapment of air in paint film. Keep containers closed to prevent moisture contamination. Clean equipment thoroughly after use.

**Critical Recoat Time:** Do not flash for more than 60 minutes between coats. If more than 60 minutes @ 70°F (21°C) is reached, wait at least 6 hours before applying more clear. After 24 hours, lightly scuff the clearcoat before applying additional material.

**Film Build:** 2-3 coats @ 1.2 mils. Must have a minimum of 2.2 mils and not to exceed 3.6 mils.

## PRODUCT SPECIFICATIONS

Weight per gallon: 8.27	Shelf Life: 1 year
RTS Solids by Weight: 53%	Color: Clear Liquid
Approximate Coverage: 736 ft <sup>2</sup> /gal @ 1 mil	Size: 5 Liter (7021), Quart (7024), 2.5 Liter (7086, 7096), Pint (7088)

## REGULATORY

Category: Clearcoat	7021/7024	7086/7088	7096
VOC Actual	3.22#/gal (386 g/l)	4.2#/gal (500 g/l)	3.78#/gal (453 g/l)
VOC Regulatory	3.57#/gal (427 g/l)	4.2#/gal (500 g/l)	3.78#/gal (453 g/l)
Weight % of Volatiles	46.77	49.93	46.20
Weight % of Water	0	0	0
Weight % of Exempt Compounds	7.85	0	0
Volume % of Exempt Compounds	9.76	0	0
Density of Material #/gal	8.27	8.36	8.19
		with 7086/7088	with 7096
Ready to Use (less water, less exempt compounds)		3.78#/gal (453 g/l)	3.59#/gal (417 g/l)

Visit [www.tat-co.com](http://www.tat-co.com) to assure you are using most updated TDS, to view in other languages and for links to Standard Operating Procedures (SOPs).

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