



ClearSystem™ Premium Universal Clearcoat 20-8011

Premium Universal Clearcoat is designed as part of the ClearSystem product line. It is a medium solids clearcoat that provides outstanding durability and gloss. This production clear will allow you to perform everyday repairs efficiently without sacrificing appearance.



Mix Ratio

4:1 – 4 parts 20-8011 Premium Universal Clearcoat to 1 part 40-8044/8054/8064 Activators

Can be reduced up to 5% with 6700 or 6700-F Series Urethane Grade Reducer*.

Pot life: 2 hours (@70°F (21°C) and 50% R.H.).

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



Suitable Substrates

- Solvent-borne basecoat
- Waterborne basecoat
- 2K enamel
- OEM finish & old paint work - non-reversible



Surface Prep & Application

Tack surface thoroughly before application. For blending clearcoat refer to SOP #513 and #514.

Apply 2 flowing coats using the gun settings listed on the next page. Flash for 5-15 minutes between coats activator used (refer to flash/dry times on next page). Keep spray gun nozzle 6-10 inches from vehicle for optimal appearance results. Keep containers closed to prevent moisture contamination. Clean equipment thoroughly after use.

Critical recoat time: Do not flash for more than 1 hour between coats. If more than 1 hour @ 70°F (21°C) is reached, wait at least 5 hours before applying more clear or basecoat. Lightly scuff surface and degrease before application.

Film build: 2 coats @ 1.0 - 1.2 mils. Must have a minimum of 2.0 mils DFT.

Additives

Kicker (6417) Can be used at a rate of 1/2 oz per sprayable quart.

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 1/4 to 1/2 oz per sprayable quart.

Flex Additive (9194)Use with soft, flexible substrates. Refer to TDS for mixing information.



Flash Times/Dry Times

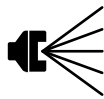
Flash between coats.....5-15 min
 Dust free.....10-25 min
 Dry to sand.....2-3 hrs
 Deliver4 hrs
 Force drying.....10-20 min @ 140°F (60°C)

Activator	Flash time	Dust free
40-8044 Fast	5 min	10-15 min
40-8054 Medium	5-10 min	15-20 min
40-8064 Slow	5-10 min	15-25 min



Gun Set-up

Siphon feed.....1.4 - 1.6 mm Gravity feed.....1.2 - 1.4 mm
 Pressure feed1.0 - 1.2 mm HVLP/LVLP1.2 - 1.4 mm



Air Pressure

Siphon feed (@ gun)35 - 45 psi Gravity feed (@ gun)25 - 35 psi
 Pressure feed (@ gun).....40 - 50 psi HVLP/LVLP (@ aircap).....10 psi

Fluid Pressure

Pressure feed8 - 10 psi



Product Specifications

Color.....Clear Size (20-8011).....Gallon
 Shelf life.....3 years (40-8044/8054/8064)Quart
 RTS solids by weight.....34% Weight per gallon.....8.99 #/gal
 Approx. coverage.....520 ft²/gal @ 1 mil

Regulatory

20-8011

Category.....Clearcoat	Wt % of volatiles.....71.33
VOC actual.....0.68#/gal (81 g/l)	Wt % of water0
VOC regulatory.....1.87#/gal (224 g/l)	Wt % of exempt compound63.8
Density.....8.99 #/gal	Vol % of exempt compound63.81
Ready to use (less water exempt compounds)	
with 40-8044.....2.04#/gal (245 g/l)	
with 40-8054.....2.04#/gal (245 g/l)	
with 40-8064.....2.05#/gal (245 g/l)	

40-8044

Category.....Clearcoat	Wt % of volatiles.....45.31
VOC actual.....1.86#/gal (223 g/l)	Wt % of water0
VOC regulatory.....2.36#/gal (282 g/l)	Wt % of exempt compound25.3
Density.....9.29 #/gal	Vol % of exempt compound21.1

40-0054

Category.....Clearcoat	Wt % of volatiles.....45.31
VOC actual.....1.84#/gal (221 g/l)	Wt % of water0
VOC regulatory.....2.36#/gal (284 g/l)	Wt % of exempt compound25.82
Density.....9.44 #/gal	Vol % of exempt compound21.9

40-8064

Category	Clearcoat	Wt % of volatiles.....	45.31
VOC actual	1.86#/gal (222 g/l)	Wt % of water	0
VOC regulatory	2.37#/gal (284 g/l)	Wt % of exempt compound	25.62
Density	9.42 #/gal	Vol % of exempt compound	21.68



Limitations & Precautions

- Visit www.tat-co.com to assure use of the most current instructions and TDS on this product.
- See website (www.tat-co.com) for this document in other languages. (Vea el web site para este documento en español. Voir le site web pour ce document en français.)
- For use only by professional, trained painters. Not for sale to or use by the general public.

LIMITED WARRANTY

The successful performance of this product is dependent on many factors beyond our control. Results are dependent upon the skill of the operator. This product is manufactured to meet the highest level of consistency and quality for the intended use. Transtar Autobody Technologies, Inc. warrants that its products meet the specifications which it sets for them. Should this product be proven to be off-specification within shelf life as stated in this datasheet, Transtar Autobody Technologies, Inc. will, at its sole discretion, either replace the product or issue credit for the original purchase price of the product. The replacement or refund shall be the buyer's sole remedy and Transtar Autobody Technologies, Inc. and its affiliates MAKE NO OTHER WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, INCLUDING MERCHANTABILITY, DESIGN COMPATIBILITY AND FITNESS FOR A PARTICULAR PURPOSE. LABOR OR COST OF LABOR AND OTHER INCIDENTAL AND/OR CONSEQUENTIAL DAMAGES ARE SPECIFICALLY EXCLUDED. The technical data contained herein are true and accurate to the best of our knowledge. Published technical data and instructions are subject to change without prior notice.