



ADVANCED REFINISH COMPONENTS

# Technical Data Sheet

## ARC UNIVERSAL CLEARCOAT

**DESCRIPTION:**

ARC Universal Clearcoat is an excellent multi-purpose high gloss clear. ARC Universal Clearcoat may be used as a multi-panel or overall clear depending on which activator is chosen. ARC Universal Clearcoat is easy to spray and maintains an excellent gloss and durability.

**PRODUCT & ADDITIVES:**

PRODUCT	ITEM #	SIZE
Universal Clearcoat	31550	Gal
Fast Clear Activator	31504	Qt
Medium Clear Activator	31505	Qt
Slow Clear Activator	31506	Qt
Extra Slow Activator	31507	Qt

**COMPATIBLE SUBSTRATES:**

ARC Universal Clearcoat can be applied over any acrylic or polyester basecoat.

**SAFETY ASPECTS:**


Users should review the Safety Data Sheet (SDS) and product label for the material to be used to determine possible health hazards, appropriate engineering controls and precautions to be observed in the use of the material. Copies of the SDS and product label are available upon request.

**MIXING RATIOS:**

4 parts ARC Universal Clearcoat  
1 part ARC Clear Activator; Fast, Medium, Slow, Extra Slow


**GUN SETUP:**


TYPE	FLUID TIP	SPRAYING PRESSURE
Conventional Gravity:	1.3 mm - 1.6 mm	35 - 45 psi @ gun
Siphon	1.4 mm - 1.8 mm	35 - 45 psi @ gun
HVLP Gravity	1.3 mm - 1.4 mm	28 - 32 psi @ gun

**NUMBER OF COATS:**

Apply 2 full wet coats, allowing 2 to 5 minutes flash time between coats.

**FLASH TIMES:**

5 to 10 minutes @ 75°F (24°F)

**PURGE TIMES:**

10 to 15 minutes @ 75°F (24°F)



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### DRYING TIMES:



METAL TEMP	DRY TIME
75°F (24°C)	8 hours
140°F (60°C)	40 minutes

### RECOATABILITY:

ARC Universal Clearcoat may be recoated after bake cycle when metal has completely cooled down. For best results in air dry situations wait over night.

### FILM THICKNESS:

Approximately 2.0 - 2.4 mils dry film thickness

### DRY TO POLISH:

Air Dry: 6-8 hours @ 75°F (24°F)  
Force Dry: 3-4 hours after cool down

### DECALS:

Decals, lettering or stripes can be applied after 24 hours.

### CLEANING EQUIPMENT:

Clean equipment immediately with ARC lacquer thinner.

### TECHNICAL DATA:



Color	Clear	
Activator/Hardener	ARC Clear Activator	
Mix Ratio	4:1	
Number of Coats	2 full wet coats	
Flash Time	5 - 10 minutes @ 75°F (24°F)	
Purge Time	10 - 15 minutes @ 75°F (24°F)	
Dry Time	Air Dry	8 hours @ 75°F (24°C)
	Force Dry	40 mins @ 140°F (60°C)
Gun Set Up	Refer to table on page 1	
Air Pressure at Gun	Refer to table on page 1	
V.O.C. Limit	4.21 lbs/gal (505 g/l)	
Sprayable V.O.C.	2.99 lbs/gal (358 g/l)	
% Solids RTS by weight	37.5%	
Package Size	Gallon	
Case Qty	4	
Shelf Life	12 months unopened	

*All data given below are MAXIMUM THEORETICAL VALUES based on the product AS CURRENTLY FORMULATED. Variations may occur on individual batches due to adjustments made during production.*

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