



DESCRIPTION

Formulated for applications requiring incredible gloss and image clarity. Ideal for overall repairs and complete resprays.

- Exceptional gloss and gloss retention, even at higher temperatures
- Excellent image clarity and depth
- Longer open time allows for improved flow and levelling
- Compatible with most solvent and water borne paint
- UV resistant

TECHNICAL DATA



Substrates

- Manufacturers basecoat, solvent or waterbased

Base

Mixed

Viscosity

11 - 13 s/ DIN 4

Solid content

35.50%

38.00%

Specific gravity g/cm³

0.93

0.94

APPLICATION GUIDE



Tools Required

- EGC89 Solvent Base Degreaser
- P1000-P1500 Grit Sandpaper
- HVLP Gravity Gun

Activator Selection

EGC70 features an advanced resin system that requires the use of EGC91, EGC92 or EGC93 activators.

Temperature °F	Activator
41 - 77°F	EGC93 4:1 Fast Activator
59 - 95°F	EGC92 4:1 Standard Activator
77 - +104°F	EGC91 4:1 Slow Activator



Substrate Preparation

Dry waterbased or solvent based basecoat to the manufacturers instructions

For best results, good preparation is essential: Clean and degrease removing dirt, oil, grease and wax with a cleaning solution, like **EGC89 Solvent Base Degreaser**.

Original cured paint: Wet sand with P1200 - P1500 or dry sand with P1000 - P1200.



Mixing Ratio

EGC70 : Activator

Standard Application

4:1 parts by volume

Final Volume	Weight of Clearcoat	Weight of Activator
250ml	186g	47g
500ml	372g	94g
750ml	558g	141g
1000ml	744g	188g



Viscosity DIN 4 / sec

11 - 13 seconds

Working Pot-Life @ 78°F

4 - 6 hours



Compliant HVLV Gravity Gun

Gun tip size

1.2 - 1.4 mm

Air Pressure at the gun

29 psi



Coats

2 coats

Build / mil

1.6 - 2.0 mil total dry film thickness



Flash-off @ 78°F

Between coats

5 - 10 minutes



Drying Times

Tack free @ 78°F

20 - 30 minutes

Through dry @ 78°F

8 - 10 hours

Through dry @ 140°F

30 minutes



Polishing

Ready to polish approximately 1 hour after cool down of object to ambient temperature from bake cycle. For dirt removal, lightly sand/denib with P1500 abrasive paper and compound.



STORAGE & VOC INFORMATION



Shelf Life

2 years from date of manufacture in sealed original containers.

Recommended Storage Temperature 40°F - 75°F

Recommended Application Temperature As per the Activator Selection table above.

Equipment Cleaning Clean gun Immediately after use with EGC83/84 reducer or gunwash.

Important Remarks Do not use activated product beyond pot life.

Activated material should not be returned to the original can of non-activated material.



VOC Information

	As Packaged		As Applied when mixed 4:1 with EGC91	
VOC Regulatory	524 g/l	4.4 lbs/gal	533 g/l	4.44 lbs/gal
VOC Actual	412 g/l	3.4 lbs/gal	442 g/l	3.70 lbs/gal
Volatiles	62.8%		61.5%	
Water	0% by weight	0% by weight	0% by weight	0% by weight
Exempt compounds	18.2% by weight	21.3% by volume	14.4% by weight	17.0% by volume
Density	925 g/l	7.7 lbs/gal	937 g/l	7.8 lbs/gal

	As Applied when mixed at 4:1 with EGC92		As Applied when mixed at 4:1 with EGC93	
VOC Regulatory	532 g/l	4.43 lbs/gal	512 g/l	4.26 lbs/gal
VOC Actual	441 g/l	3.70 lbs/gal	406 g/l	3.40 lbs/gal
Volatiles	61.5%		61.1%	
Water	0% by weight	0% by weight	0% by weight	0% by weight
Exempt compounds	14.4% by weight	17.0% by volume	17.9% by weight	20.7% by volume
Density	936 g/l	7.8 lbs/gal	940 g/l	7.8 lbs/gal

REORDER CODE

Order Code	Size	Product
EGC70	1 US Gallon	Clearcoat
EGC91	1 US Quart	Slow Activator
EGC92	1 US Quart	Standard Activator
EGC93	1 US Quart	Fast Activator



IMPORTANT: FOR PROFESSIONAL USE ONLY. Read full instructions before use.

This product contains hazardous materials and therefore appropriate personal protective equipment should always be used. Please refer to the label and consult the safety data sheet for full handling instructions and personal protection information. U-POL disclaims any liability where the user does not wear the recommended personal protective equipment. The above data is for information only and may change without prior notice. It is the Buyers responsibility to ensure the suitability of the products for their own use and check the information is up to date. The recommendation of use of our products and application in our technical data sheets are based on our knowledge and experience. These data sheets are available via your local distributor or via the U-POL website at WWW.U-POL.COM. U-POL is not responsible for the results obtained by others over whose methods we have no control and thereof U-POL is not liable for consequential or incidental damages including loss of profits.

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