



## Technical Data Sheet

Date of issue	Revision Date	Version
19/07/16	26/03/2021	1.4
Product Code	Product Name	
<b>CU_-</b>	<b>Custom Clear™</b>	

**Custom Clear™** is a premium low viscosity 2K clear coat, specially developed for custom spray painting. Ideal for general clear coating, layering, sealing flakes, candies, and flow coating. Used with different hardener speeds, gives excellent curing, good UV protection with glass like finishes. Custom Clear™ may be used by the professional painter with DNA® candy concentrates to create an easy-to-use 2K urethane candy finishes over suitable DNA® basecoats.

Always check the [DNA® website](#) that you have the latest TDS ([Technical Data Sheet](#)) and SDS ([Safety Data Sheet](#))

### DETAILED APPLICATION GUIDE:



**SDS:** Observe all safety precautions in relationsuch as gloves, spray suit, breathing mask etc.



**SPRAYING:** Apply 2-3 medium wet coats up to 60 µm with a 60% spray overlap. Allowing for flash time between each coat. After baking allow to fully dry, up to 12 hours, before polishing. Allow 30 days for full cure. **Do not** apply additional clearcoat unless existing clearcoat has been baked and left to out-gas fully. Additional time will be required depending on hardener speed or if cooler temperatures are experienced during the out-gassing period. If air drying much longer periods, up to three time as long may be required. (Refer notes on Flow Coating)



**THEORETICAL COVERAGE:** 7-8 sq m per litre approximate.



**PREPARATION:** If applying over an existing 2K clear coat, sand using P600-800 wet or P400 dry. Clean with DNA® Prep Clean X™ & wipe dry. Allow basecoat to flash off 20-30 min's before applying.



**SURFACE PREP:** Thoroughly clean the surface using DNA® Wax & Grease Remover then dry.



**SUBSTRATE:** For use over DNA® BaZecoats™, Candy ColorZ™ & other DNA® Special FX products as well as previously painted substrates that are properly prepared, except for thermoplastic acrylic lacquer and air-dry enamel finishes. Surface must be chemically clean and dry.



#### **FLASH OFF @ 25°C:**

5~10 min (Fast Hardener)  
10~15 min (Medium Hardener)  
15~20 min (Slow Hardener)

**Note:** Longer flash times will be required for subsequent coats to ensure proper solvent outgassing.



#### **CURING TIMES:**

**Dust Free @ 25°C**  
30 min Medium Hardener

**Air Dry Touch @ 25°C:**  
12 Hr. Medium Hardener.

**Baking @ 60°C:**  
30~40 min Medium Hardener



**MIXING: Mix Ratio: 4: Parts Custom Clear™, 1: Part FX Hardener & mix** thoroughly. No reducer required.



**SPRAYING VISCOSITY:** Ford 4 Cup 16~18 sec.



#### **POT LIFE:**

2 Hr. Medium Hardener



**FILTER:** Strain mixed clearcoat into spray gun, use 190-micron filter.



**CLEAN UP:** Clean equipment with Gun wash, Reducer or Thinners.



**HTE GUN SET UP**  
1.2~1.4 Fluid tip  
15~25 cm Spray distance  
35~45 psi Air pressure 15~25 cm Fan size



**HVLP GUN SET UP**  
1.2~1.4 Fluid tip  
10~15 cm Spray distance  
30 psi at the cap  
15~25 cm Fan size



**FLOW COATING:** Is frequently performed by experienced painters for example, to bury graphics or flakes. It is recommended to apply multiple applications, not multiple coats in one application. When applying additional clearcoats, apply 2-3 coats as you would a final clearcoat allowing proper flash off time. Bake and then dry overnight, flat sand with P600-800 wet or P400 dry then clean surface and repeat the process until the desired thickness has been achieved.



#### HARDENER GUIDE:

**'FX' Hardener™ Fast, HFXF**  
Application temperature range (10 to 15°C)  
Used where you wish to speed up the drying time. Ideal for spot repairs or spraying in cooler temperatures.

**'FX' Hardener™ Medium, HFXM**  
Application temperature range (15 to 30°C)  
Used where a normal drying time is required. Ideal for general repairs, clear coating and spraying in normal temperatures.

**'FX' Hardener™ Slow, HFXS**  
Application Temperature range (15 to 30°C) Used where you wish to slow down the drying time. Ideal for resprays or spraying in hotter temperatures

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#### Important:

- Always check you have the latest [Technical Data Sheet](#)
- Always buy enough product to complete the entire job.
- If using more than one container of the same colour, always mix all container contents together to ensure consistency of colour (not applicable to aerosols)
- Products are for Professional Use Only

#### Warranty: DNA® will replace any faulty or defective goods.

Goods are guaranteed for 12 months if stored in cool dry conditions. All information and data provided is given in good faith and intended as a general guide only. Given the many variables, including but not limited to; conditions of substrates, lack of or unsuitable preparation, application or use of product, mixing or straining, use of incompatible materials, different surface preparations, previous coatings and repairs, the effects of storage, equipment failure or use of incorrect equipment, air quality, humidity, or any other reason beyond the control of DNA®, and DNA® reserves the right to make changes to formulations. On occasion batches may have slight variations such as colour or tone, these are not covered by warranty. This is among the many reasons the user must always test the product(s) prior to commencing any job to determine suitability and check in case there is an adverse reaction. You must also always do a spray out test panel to check the final finish and appearance. Furthermore DNA® offers no warranties of whatever nature and will not accept liability because of any failure express or implied as to merchantability or fitness for a particular use or purpose and will not accept liability for any specific or consequential damage because of using these products. If any goods are defective, do not commence the job, or cease work immediately and contact your distributor or DNA®. Any faulty goods must be returned at the customer's expense to the place of purchase with a copy of the original invoice or other proof of purchase to be eligible for the replacement of the faulty product or at the discretion of DNA® for a refund of the cost of goods only. Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure. The benefits provided to the consumer by the warranty are in addition to other rights and remedies available to the consumer under the law.

DNA® Custom Paints  
5-7 Keith Campbell Court Scoresby Victoria 3179 Australia  
e: [info@vincentriver.com](mailto:info@vincentriver.com)  
p: +61 3 9764 2088

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