



Technical Data Sheet

Date of issue	Revision Date	Version
06/04/06	23/10/15	1.5
Product Code	Product Name	
HSX-	HolaSpeX™	

HolaSpeX™ an almost transparent coating saturated with light refracting holographic crystals. In direct sunlight or under strong light these immediately refract an immensely strong holographic rainbow effect. HolaSpeX™ is "in your face"

HolaSpeX™ Always check that you have the latest TDS



SURFACE PREP

Surface must be clean & dry



MIXING RATIO

Ready to Spray
Shake contents for 5mins



SPRAY GUN

DNA® Chrome Gun
HTE or Fine atomization gun



GUN SET UP

0.7~1.2 Fluid tip
10~15cm Spray distance
10~30psi Air pressure
5~8cm Fan size



NUMBER OF COATS

3~4 very light coats



FLASH TIME @ 25°C

10~60sec between coats
30min before Key Clear™



CURE TIMES @ 25°C

Dust Free: 15 sec
Tack Free: 1 min
Dry to Handle: Handle with extreme care until clear coated



THEORETICAL COVERAGE

7~8 m² per litre



POT LIFE

Not Applicable



SPRAYING VISCOSITY

Ford 4 Cup: 9 - 10sec



SAFETY

Always wear appropriate safety clothing, gloves, breathing & apparatus



MSDS

Observe all safety precautions in relation to this products Material Safety Data Sheet



CLEAN UP

Clean equipment with Gun Wash, Reducer or Thinners

STORAGE

1 Year in cool, dry conditions

QUICK APPLICATION GUIDE:

- HolaSpeX™ can be applied over any ground coat colour, for the strongest effect DNA® B113 Pure Black BaZecoat™ is recommended. This must be clear coated with Diamond Clear™. The clear coat must have a high gloss finish and must be fully cured before the application of the HolaSpeX™.
- Using a HTE gun, apply very light coats of HolaSpeX™ best results are normally achieved with 3-4 light coats.
- Let the HolaSpeX™ dry for 30min, and then apply the Key Clear™, to protect and lock the HolaSpeX™ in place.
- Finally apply Diamond Clear™ top coat.

DETAILED APPLICATION GUIDE:

SUBSTRATE



HolaSpeX™ can be applied over any ground coat which has been clear coated with a high gloss 2K clear. For the strongest holographic look it is recommended that DNA® B113 Pure Black BaZecoat™ and DNA® Diamond Clear™ are used.

SUBSTRATE 2K CLEAR COAT

Refer Diamond Clear™ TDS for full Technical Data Specifications.



Apply Diamond Clear™ 2K Clear coat over your chosen ground coat colour. It is most important that your final coat of 2K clear has a very high gloss level off the gun. This high gloss finish determines the holographic effect you will achieve. The higher the gloss of your clear coat, the more holographic your HolaSpeX™ will be. This finish is the reflective surface and any imperfections will show through. If you have not achieved a high gloss level off your gun it is best to rub back and re-apply your clear coat ensuring a high gloss finish. Diamond Clear #DC- is specially formulated for a high gloss finish and is highly recommended for use by DNA® when using HolaSpeX™.

Note: Do not to handle the clear coat after it has been applied. Any dust, marks, scuffs or scratches will show through when the HolaSpeX™ is applied. A clear coat with orange peel or a rough and dull surface will produce a dull holographic finish.

SUBSTRATE 2K CLEAR COAT CURING



For maximum holographic effect it is important that the 2K clear coat is "fully cured" wait a minimum of 1-2 days or bake for 2 hours at 60°C and rest over night before applying the HolaSpeX™.

Note: If you apply the HolaSpeX™ before the clear coat is "fully cured" the holographic effect will be duller in appearance.

CLEANING 2K CLEAR COAT



If the previously clear coated surface has been handled or contaminated in any way gently clean the surface with DNA® Anti-Static Cleaner and dry thoroughly before applying HolaSpeX™. DNA® Anti-Static Cleaner Part #CA02

*Always apply HolaSpeX™ to a clean surface free of all dust, wax or residue contaminants.

*DNA recommends learning to apply HolaSpeX™ on small objects like DNA® Aeroshapes and then moving on to larger practice panels and projects.

HolaSpeX™

HolaSpeX™ adheres to substrates differently to other paints. To create a holographic finish the surface should be as smooth as possible and not scuffed.

Note: This product requires careful application to ensure you do not apply material too heavily or unevenly resulting in tram tracks, blotchiness or an uneven finish. Applying less HolaSpeX™ often achieves the best results. Less is best!

GUN SET UP (DNA® CHROME GUN Part # SG08)



Fluid Tip 0.8	Spray Distance 10-15cm
Air Pressure 15-20psi	Material volume 1/4 -1/2 turn
Fan Size 5-8cm @ 15-20cm	Spray Distance

STANDARD HTE or FINE ATOMIZATION SPRAY GUN

Fluid Tip 0.7 - 1.2mm	Spray Distance 10 -15cm
Air pressure 10-30psi	Material volume 10-25%
Fan Size 5-8cm @ 15-20cm	Spray Distance

MIXING



HolaSpeX™ is ready -to-use, no thinning nor mixing is required. Shake contents by hand for 5 minutes before use.

HolaSpeX™ APPLICATION



Blow off any dust that may have settled on the substrate with compressed air. Do not use tack rags before, in between or after application of HolaSpeX™!

FIRST COAT



To overcome possible static problems it is recommended that your first coat be applied at a reduced air pressure of 7-10psi with your material volume decreased by about 30%. Apply HolaSpeX™ using a very light mist or light dusting effect. The first pass assists in breaking any static on the surface and will allow your next coats to lay down more evenly on the surface, apply this coat with a 75% spray overlap.

FLASH OFF



Allow 10 seconds to 1 minute between coats. 3-4 light coats are recommended. Do not try to obtain coverage in a single pass. Do not apply too much material. Less is more!

REMAINING COATS



Occasionally agitate the material in the gun cup. At the recommended gun set up continue applying additional coats of HolaSpeX™ as very light mist coats until the desired effect is achieved using a 75% spray overlap.

CURING TIME



Allow to sit for a minimum of 30 minutes before application of Key Clear™,

KEY CLEAR™ - CLEAR COAT

Refer Key Clear™ TDS for full Technical Data Specifications.



For maximum adhesion it is important to lock the HolaSpeX™ in place using Key Clear™. Key Clear™ is specifically formulated to promote adhesion and to maximize the holographic like finish. Use of other clears directly over the HolaSpeX™ is likely to cause delamination and /or loss of holographic effect. Spray 1-2 medium coats of the Key Clear™ over the HolaSpeX™. Allow 5-10 minutes between coats.

DIAMOND CLEAR™ - FINAL CLEAR COAT

Refer Diamond Clear™ TDS for full Technical Data Specifications.



After Key Clear™ has flashed off; apply Diamond Clear™ according to the TDS.

For further information refer to the DNA® Training Manual or contact your DNA® Distributor for Technical Support.

Note: Custom painting can be difficult. All products should be fully tested prior to commencing any job to determine suitability, final finish and overall appearance. All information and data provided by DNA® is given in good faith and intended to be a general guide only. DNA® shall not accept liability as a result of any failure or lack of expertise on the part of the applicator, condition of substrates, lack of, or incorrect preparation, use of incompatible materials, equipment failure or use of incorrect equipment or any other reason beyond the control of DNA® and further offers no warranties of whatever nature express or implied as to merchantability or fitness for a particular use or purpose and shall not accept liability for any specific or consequential damage as a result of using these products unless otherwise agreed to in writing. Should a product be defective, DNA® shall replace the defective product, or, at its sole discretion refund the purchase price.

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