



## DELTRON® NCS Sealers

P-233

### NCS2003 White / NCS2004 Gray / NCS2005 Black

DELTRON® NCS Sealers have been specifically developed as isocyanate-free, National Rule compliant sealers for the *Deltron* system.

NCS2000 Series Sealers can be blended together to achieve various shades of gray. They can also be tinted with CONCEPT® DMC mixing bases. NCS Sealers are intended to be the final step before applying PPG topcoat.



#### Features & Benefits

- Isocyanate Free
- Compatible with a wide range of topcoats
- Choice of colors
- Versatile

#### Compatible Surfaces

NCS2000 Series Sealers may be applied over:

- Properly cleaned and sanded gel coated fiberglass
- Properly cleaned E-Coat
- Properly cleaned and sanded OEM finishes
- DF Body filler
- DPLF Epoxy Primer
- DPLV 2.1 VOC Epoxy Primer
- *Deltron* Self Etching Primers\*
- *Deltron* Plastic Adhesion Promoter
- *Deltron* Primer Surfacer
- ONECHOICE® Plastic Adhesion Promoters
- *OneChoice* Etch Primers\*

\* When using DX1791 over bare metal, you must topcoat with a primer surfacer before sealer is applied.

Caution: These products should not be used over DPX171 in more than a 3"X3" repair area.

#### Required Products

NCX2200 *Deltron* Sealer Catalyst

# NCS2003/2004/2005

## Surface Preparation:



- Wash the area to be painted with soap and water, then clean with the appropriate PPG Cleaner.
- Sand the bare metal areas completely with 180-240 grit abrasive. Sand old finishes with 320-400 grit dry by hand or machine or 600 grit wet.
- Re-clean with the appropriate PPG Cleaner
- Final wipe with a clean cloth to remove any cleaner residue.



## Mix Ratio:



### Standard:

<b>NCS Sealer</b>	:	<b>NCX2200</b>	:	<b>DT Reducer</b>
2	:	1	:	1



### Tinted:

<b>NCS Sealer</b>	:	<b>DMC*</b>	:	<b>NCX2200</b>	:	<b>DT Reducer</b>
4	:	1	:	2	:	2

\*Only DMC bases that have a VOC of 4.6 or less can be used for tinting.



**Pot Life:** 90 minutes at 70°F (21°C) with or without tint.

Pot life is shortened as temperatures increase.

## Additives:



<b>DX814 Universal Flexibilizer:</b>	10% to RTS quart
<b>SL814 Universal Flexibilizer:</b>	10% to RTS quart

## Air Pressure and Gun Setup:



<b>HVLP:</b>	8-10 psi at the air cap
<b>Compliant:</b>	29-40 psi at the gun

**Gun Setup:** 1.3-1.6 mm or equivalent

Note: For best overall results, refer to spraygun manufacturer's recommendations for inlet air pressures.

## Application:



**Apply:** 1-2 wet coats

**Dry film build per coat:** 0.8-1.2 mils

## Drying Times:



**Between Coats:** 10-15 minutes at 70°F (21°C)



### Air Dry:

<b>Dust Free:</b>	10-15 minutes at 70°F (21°C)
<b>Tape Time:</b>	75 minutes at 70°F (21°C)



**Dry to Sand:** 45 minutes at 70°F (21°C)  
20 minutes at 140°F (60°C)



**Dry to Topcoat:**

<b>1 Coat:</b>	15 minutes at 70°F (21°C) 10 minutes at 90°F (32°C)
<b>2 Coat:</b>	30 minutes at 70°F (21°C) 20 minutes at 90°F (32°C)

After 72 hours, sealer must be scuffed before applying basecoat or topcoat.

# NCS2003/2004/2005

## Drying Times Cont'd:



### Force Dry:

**Purge:** 5 minutes at 70°F (21°C)  
**Bake:** 20 minutes at 140°F (60°C)



### IR:

**Short Wave:** 10 minutes  
**Medium Wave:** 20 minutes

## Compatible Topcoats:

NCS Sealers may be topcoated with:

- Deltron 2000 (DBC) Basecoat
- Deltron (DBU) Universal Basecoat
- Concept (DCC) Acrylic Urethane
- DELSTAR® (DAR/DXR80) Acrylic Polyurethane Enamel
- ENVIROBASE® High Performance Basecoat

## Equipment Cleaning:

Spray guns, gun cups, storage pots, etc. should be cleaned thoroughly after each use with any PPG general purpose solvent, lacquer thinner or DT reducer.

## Technical Data:

	NCS200x : NCX2200 : DT Reducer	NCS200x : DMC : NCX2200 : DT Reducer
Volume Ratio	2 : 1 : 1	4 : 1 : 2 : 2
VOC Regulatory (less water less exempt) (g/L)	550	550
VOC Regulatory (less water less exempt) (lbs./gal)	4.6	4.6
Total Solids by Weight (RTS)	53.0	53.4*
Total Solids by Volume (RTS)	36.8	37.6*
Sq. Ft. Coverage / US Gallon (RTS)	589	595*

\*These are typical values. Depending upon the tint chosen, the calculated values can vary.

See Safety Data Sheet/Material Safety Data Sheet and Labels for additional safety information and handling instructions.

**Important:** The contents of this package must be blended with other components before the product can be used. Before opening the packages, be sure you understand the warning messages on the labels of all components since the mixture will have the hazards of all its parts. Improper spray technique may result in a hazardous condition. Follow spray equipment manufacturer's instructions to prevent personal injury or fire. Follow directions for respirator use. Wear eye and skin protection. Observe all applicable precautions.

### EMERGENCY MEDICAL OR SPILL CONTROL INFORMATION (412) 434-4515; IN CANADA (514) 645-1320

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