



DYNAMATCH[®]



**Industrial
Coatings
Guide**

NCP Coatings History

Founded by C.M. "Marvin" Hannewyk II, Niles Chemical Paint became a corporation in 1948. Now known as NCP Coatings, we continue to operate as a privately held business. Third generation members of the Hannewyk Family are driven by the tradition of developing and manufacturing value enhancing coatings.

We produce a variety of outstanding coatings, but the time and energy we invest in providing existing as well as prospective customers technical support is what really differentiates NCP. There is a formula for every coating, but many overlook the equally important formula for a successful application. All the variables, from substrate preparation to spray equipment settings, must be aligned to maximize the effectiveness of the finishing process.

Testimonials will verify that flexibility and attentiveness to the specific needs of each customer is what allows NCP the opportunity to work with a wide variety of businesses. These companies offer products ranging from metal castings that need basic protection to nuclear submarines and aircraft carriers that require highly specified coatings for long-term protection.

Our people, our experience and our ability to support our customers and their employees at any level are the reasons we exist. If the feeling is that you should be getting more out of your finishing process, NCP will embrace the opportunity to help.

Industrial Paints

NCP Coatings Inc. takes great pride in offering the DynaMatch™ line of high performance primers and top coats to the commercial, industrial, and OEM marketplaces. NCP Coatings Inc. partners with our customers to increase production, reduce emissions, and lower finishing costs with a high quality finish making NCP Coatings Inc. your partner in coatings since 1948.



DOD-P-15328D and TT-C-490 Type III

A Zinc Chromate Acid Etching Wash Primer meeting the stringent requirements of DOD-P-15328D and TT-C-490 Type III. This product is suitable for steel, aluminum and other non-ferrous metals. It provides superior adhesion and corrosion resistance when used as part of a recommended Military or OEM paint system.

MIXING RECOMMENDATIONS

Mix Ratio	1:1
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AIR SPRAY

Recommended Reducer	T-98 Isopropyl Alcohol
Reduction	0 – 10% max
Fluid Pressure	5–15 psi
Atomizing Pressure	15–40 psi
Tip Size	1.0–1.4

AIRLESS & AA AIRLESS

Fluid Pressure	800 – 1200 psi
Tip Size	.007–.011"
AA Pressure	10–40 psi

DOD-P-15328D AND TT-C-490 TYPE III

NCP Product Code	Color	Size	Mix Ratio	VOC lb/gal	Pot Life at 75° F	Film Thickness	Dry Time
B-875/ T-99	Green	1 gallon 5 gallons	1 Part B-875 to 1-part T-99	6.21 lbs/gal	6–8 hrs	0.3 – 0.5 mils	Touch: 30 minutes max Recoat: Approx 30 minutes Handle: 1 hour



Wash Primer

1-Pack Wash Primer/Adhesion Promoter

This is a non-acidic, chrome-free metal pretreatment designed to promote the adhesion of primers and topcoats to various metal substrates. This metal pretreatment is well suited for general industrial applications. When properly top-coated, it gives corrosion and humidity resistance over aluminum and steel, offering many of the benefits of alodine and bonderite metal treatments.

MIXING RECOMMENDATIONS

Mix Ratio	Single Component. Mix well before use
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AIR SPRAY

Recommended Reducer	Ready to spray
Fluid Pressure	5–15 psi
Atomizing Pressure	10–30 psi
Tip Size	1.0–1.4

AIRLESS & AA AIRLESS

Fluid Pressure	800–1200 psi
Tip Size	.007–.011
AA Pressure	20–40 psi



1-PACK WASH PRIMER/ADHESION PROMOTER

NCP Product Code	Color	Size	VOC lb/gal	Pot Life at 75° F	Film Thickness	Dry Time
N-4718	Translucent Yellow Oxide	5 gallons Drums	7.22 lb/gal	N/A	0.2 – 0.4 mils	Flash Time: 10 minutes Recoat: Approx 30 minutes Topcoat: Within 1 hour



Water-Reducible Primers



Water-Reducible Primer

These products are low VOC, HAPS-free water-reducible primers exhibiting fast set up characteristics. They provide protection to mild steel and cast steel substrates where excellent early moisture and corrosion resistance is required.

MIXING RECOMMENDATIONS

Mix Ratio	Single Component
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AIR SPRAY

Recommended Reducer	Water
Reduction	0–15% max
Fluid Pressure	10–30 psi
Atomizing Pressure	20–40 psi
Tip Size	1.4–1.8 mm

AIRLESS & AA AIRLESS

Fluid Pressure	1000–1500 psi
Tip Size	.009–.013"
AA Pressure	20–40 psi

WATER REDUCIBLE PRIMERS

NCP Product Code	Color	Size	VOC lb/gal	Pot Life	Film Thickness	Dry Time	B-117 Salt Spray
N-6110	White	5 Gallons Drums Totes	1.54 lbs/gal minus water	N/A	2.0–2.5 mils	Touch: 1 hour Recoat: As needed Handle: 2 hrs Pack/Ship: Overnight	200 Hours at 2 mils DFT
N-5950	Red Oxide		1.82 lbs/gal	N/A	1.0–2.0 mils		500 Hours at 4.0 – 5.0 mils DFT
N-7103	Buff		2.56 lbs/gal	N/A	1.5–2.0 mils		96 Hours at 1.0 mils DFT
N-9388	Gray		1.59 lbs/gal	N/A	1.5–2.0 mils	Touch: 45 minutes Recoat: As needed Handle: 1–1.5 hrs Pack/Ship: Overnight	200 Hours at 2 mils DFT
N-8584	Black		1.71 lbs/gal	N/A	2.0–2.5 mils		240 Hours at 2.0 mils DFT
N-5570N	Black		1.61 lbs/gal	N/A	1.0–2.0 mils		96 hrs at 1.0 mils DFT
							240 hrs at 2.0 mils DFT
						Touch: 1 hour Recoat: As needed Handle: 2 hrs Pack/Ship: Overnight	336 hrs
						Touch: 1 hour Recoat: As needed Handle: 1–1.5 hrs Pack/Ship: Overnight	168 Hours at 1 mil DFT
							240 Hours at 2 mils DFT

Universal Primers

Universal Primers

Lead- and chrome-free corrosion inhibiting primers are designed for interior and exterior application to steel. These primers are well suited for general industrial applications including heavy equipment, trailers and trucks. They accept many topcoats, including 2K urethanes, after a short dry time and can be used as a barrier coat. HAPS Free versions are available.

MIXING RECOMMENDATIONS

Mix Ratio	Single Component
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AIR SPRAY

Recommended Reducer	Acetone or Tertiary Butyl Acetate can be used to stay at 3.5 VOC. Xylene if allowed higher VOC.
Reduction	0–15% max
Fluid Pressure	20–40 psi
Atomizing Pressure	20–40 psi
Tip Size	1.5

AIRLESS & AA AIRLESS

Fluid Pressure	1000–1500 psi
Tip Size	.009–.013"
AA Pressure	20–40 psi



UNIVERSAL PRIMERS

NCP Product Code	Color	Size	Mix Ratio	VOC lb/gal	Pot Life	Film Thickness	Dry Time	B-117 Salt Spray
N-1796	Gray	1 Gallon 5 Gallons Drums	—	4.21 lbs/gal	N/A	1.0–2.0 mils	Touch: 15 minutes Recoat: After 1 hr. for enamels. 2+ hrs for most urethanes Handle: 2–3 hrs Pack/Ship: 24 hrs	240 Hours
XE-8802	Red Oxide		—	4.2 lbs/gal				
N-8521	Light Gray		Single Component or can be catalyzed with up to 10% T-422R or N-7521B	<3.5 lbs/gal	4 hrs when catalyzed with T-422R or N-7521B		Touch: 30 minutes Recoat: After 1 hr. for enamels. 2+ hrs for most urethanes Handle: 4 hrs Pack/Ship: 24 hrs	336 Hours
N-7382IH	Black		—		N/A		Touch: 30 minutes Recoat: After 30 minutes Handle: 4 hrs Pack/Ship: 24 hrs	

Epoxy Primers



DynaPrime™ Epoxy Primers

Lead- and chromate-free epoxy primers, these products are suitable for properly prepared ferrous and nonferrous substrates providing superior corrosion resistance when used as part of a recommended OEM paint system.

MIXING RECOMMENDATIONS

Mix Ratio	4:1
AIR SPRAY	
Recommended Reducer	T-236
Reduction	0 – 20%
Fluid Pressure	5–20 psi
Atomizing Pressure	15–40 psi
Tip Size	1.4–1.8mm

AIRLESS & AA AIRLESS

Recommended Reducer	T-236
Reduction	0 – 20%
Fluid Pressure	Airless 2000 psi; AA Airless 1000 psi adjust as needed
Tip Size	.011–.015"
AA Pressure	20–40 psi

DYNAPRIME™ EPOXY PRIMERS

NCP Product Code	Color	Size	Mix Ratio	VOC lb/gal	Pot Life at 75° F	Film Thickness	Dry Time	B-117 Salt Spray
N-1981A	White	Quart 1 gallon 4 gallons filled 5s	4:1 with N-1981B N-1981BDR can be used for faster curing	3.5 lbs/gal	4 hrs after mixing A and B	1.3 – 1.7 mils	Touch: 30 minutes max Recoat: Anytime within the first 7 days Handle: 4 hrs Pack/Ship: 6 hrs	336 hrs
N-1981T	Buff							
N-8601A	Black							
N-8901A	Buff		4:1 with N-8901B N-8901BDR can be used for faster curing	2.5 lbs/gal				
N-9390A	Black		4:1 with N-9390B N-9390 BDR can be used for faster curing	2.8 lbs/gal				
N-8959A	Buff		4:1 with N-8959B N-8959BDR can be used for faster curing	2.5 lbs/gal				1000 hrs
T-236 or T-487	Thinner							

Urethane Primers

DynaPrime™ Sealer

DynaPrime™ Sealers are VOC-compliant, two-pack polyurethane coating for use as primers or sealers on metal, wood and plastics. They feature excellent wet-on-wet recoat ability with polyurethane topcoats.

MIXING RECOMMENDATIONS

Mix Ratio	Mix 4:1 or 6:1 with T-422R by volume
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AIR SPRAY

Recommended Reducer	T-210
Reduction	0–15% max
Fluid Pressure	15–20 psi
Atomizing Pressure	40–60 psi
Tip Size	1.5 mm

AIRLESS & AA AIRLESS

Fluid Pressure	1500–2000
Tip Size	.09–.013"
AA Pressure	20–40 psi

DYNAPRIME™ SEALER

NCP Product Code	Color	Size	Mix Ratio	VOC lb/gal	Pot Life	Film Thickness	Dry Time	B-117 Salt Spray
N-7560ATG	Gray	1 gallon 5 gallons Drums	6:1 with T-422R by volume	<3.0 lbs/gal	8 hrs	1.5–2.0 mils	Touch: 30 minutes Recoat: 1 hr	336 hrs
N-9555A	Light Brown	1 gallon 5 gallons Drums	4:1 with T-422R by volume	2.52 lbs/gal	8 hrs	1.5–2.0 mils	Touch: 30 minutes Recoat: 1 hr	500 hrs



Zinc-Rich Primers

Organic Zinc-Rich, Single-Component, Moisture-Cure Urethane Primer

N-5751M2 is an organic zinc-rich moisture cure primer yielding 90% zinc in the dried film, which is designed for use where extreme corrosion resistance is required. N-5751M2 is recommended as the first coat for equipment and machinery that require an enhanced corrosion system. This product meets the requirements of SSPC 20 Type II and A-A-59745.

MIXING RECOMMENDATIONS

Mix Ratio	Single Component
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AIR SPRAY

Recommended Reducer	SC-100 solvent or T-210
Reduction	0–10% max
Fluid Pressure	10–30 psi
Atomizing Pressure	30–50 psi
Tip Size	1.5–1.8 mm

AIRLESS & AA AIRLESS

Fluid Pressure	1500–2500 psi
Tip Size	.011–.015"
AA Pressure	20–40 psi

ORGANIC ZINC-RICH, SINGLE-COMPONENT, MOISTURE-CURE URETHANE PRIMER

NCP Product Code	Color	Size	Mix Ratio	VOC lb/gal	Pot Life at 75° F	Film Thickness	Dry Time	B-117 Salt Spray
N-5751M2	Gray	1 gallon 3-gallon pails	Single Component	2.8 lbs/gal	N/A	1.5–2.0 mils	Touch: 30 minutes max Recoat: 3 hrs Handle: 3 hrs Pack/Ship: 4 hrs	1000+ hrs with topcoat



Zinc-Rich Primers

Epoxy Zinc Dust Primer HAPS-Free

A two-component, HAPS-free, epoxy-polyamide, corrosion-inhibiting primer suited for high performance applications where corrosion resistance in a lead- and chromate-free product is desired. This product is suitable for general industrial applications including heavy equipment, trailers and trucks where a high performance epoxy primer is required. 54% Zinc.

MIXING RECOMMENDATIONS

Mix Ratio	4:1
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AIR SPRAY

Recommended Reducer	T-236 Epoxy Reducer (May use MIBK, MEK or T-334)
Reduction	0–20% max
Fluid Pressure	15–30 psi
Atomizing Pressure	40–60 psi
Tip Size	1.8–2.2 mm

AIRLESS & AA AIRLESS

Fluid Pressure	1500–2500 psi
Tip Size	.13–.17"
AA Pressure	25–45 psi

EPOXY ZINC DUST PRIMER HAPS-FREE

NCP Product Code	Color	Size	Mix Ratio	VOC lb/gal	Pot Life at 75° F	Film Thickness	Dry Time	B-117 Salt Spray
N-8093A	Gray	Quart 1 Gallon 4 Gallon filled 5s	4:1 by volume with N-8093B	3.2 lbs/gal	4–6 hrs 6–8 hrs if reduced	1.5 – 2.0 mils	Touch: 30 minutes Recoat: Anytime Through Dry: 3 hrs Hard: 4 hrs	1000+ hrs with topcoat



Zinc-Rich Primers



High Solids Zinc Dust Epoxy Primer HAPS-Free

A three-component, HAPS-free, epoxy-polyamide, corrosion-inhibiting primer suited for high performance applications where extended corrosion resistance is required. The product is lead- and chromate-free and contains 90% Zinc in the dried film. This product meets SSPC No. 20 Type II and A-A-59745. This product is suitable for general industrial applications – including heavy equipment, trailers and trucks – where a high performance epoxy primer is required.

MIXING RECOMMENDATIONS

Mix Ratio	Add 1 bucket (50#) of N-8669A2 Zinc Dust to one gallon (8.2#) of N-8669A1 while mixing, mix until zinc is dispersed, then add 0.87 gallons (6.5#) of N-8669B and mix until uniform. No induction time required.
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AIR SPRAY

Recommended Reducer	T-236 Epoxy Reducer (may use tertiary-butyl acetate or Acetone to maintain 2.8 VOC)
Reduction	0–20% max
Fluid Pressure	15–20 psi
Atomizing Pressure	40–60 psi
Tip Size	1.5–2.0 mm

AIRLESS & AA AIRLESS

Fluid Pressure	2500–3000
Tip Size	.011 – .017"
AA Pressure	20–40 psi

HIGH SOLIDS ZINC DUST EPOXY PRIMER HAPS-FREE

NCP Product Code	Color	Size	Mix Ratio	VOC lb/gal	Pot Life at 75° F	Film Thickness	Dry Time	B-117 Salt Spray
N-8669A1/A2/B	Gray	1 gallon 3-gallon pails	Add 1 bucket of N-8669A2 Zinc Dust to one gallon of N-8669A1 while mixing and mix until zinc is dispersed, then add 0.87 gallons of N-8669B and mix until uniform.	<2.8 lbs/gal	4–6 hrs 6–8 hrs if reduced	1.5 – 2.0 mils	Touch: 30 minutes max Recoat: After 2 hrs Through Dry: 3 hrs Hard: 4 hrs	1000+ hrs with topcoat



Water-Reducible DTM Enamels

Water-Reducible Direct-to-Metal Enamel Bases

These water-reducible products have been designed for use as direct-to-metal coatings for application on properly prepared ferrous substrates that require excellent DOI and corrosion resistance in a single-component high gloss coating. This W/R system is lead and chromate free, ideal for machinery and equipment manufacturers looking for a high quality finish in a single component self-priming system.

MIXING RECOMMENDATIONS

Mix Ratio	Single Component
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AIR SPRAY

Recommended Reducer	Water
Reduction	0–10% max
Fluid Pressure	10–20 psi
Atomizing Pressure	20–40 psi
Tip Size	1.5

AIRLESS & AA AIRLESS

Fluid Pressure	1000–1500 psi
Tip Size	.009–.013"
AA Pressure	20–40 PSI

WATER REDUCIBLE DIRECT-TO-METAL ENAMEL BASES

NCP Product Code	Color	Size	VOC lb/gal	Pot Life	Film Thickness	Dry Time
N-5010	Clear (tintable)	5 Gallons Drums Totes	Approx. 2.8 lbs/gal minus water	N/A	2.0–3.0 mils	Touch: 1 hour Dry Through: Up to 6 hrs Handle: Overnight Pack/Ship: 48 hrs
N-7050	White (tintable)					
N-9878	Black					



Solvent-Based Enamels



DynaMatch® 5.0 VOC Quick-Dry Alkyd

This interior/exterior air-dry alkyd is intended for metal racking, shelving, farm equipment and other machinery. It is ideally suited for use in steel fabrication facilities looking for a single-component, fast-drying, economical coating.

MIXING RECOMMENDATIONS

Mix Ratio	Single Component or can be catalyzed with up to 5% T-422R or N-7521B
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AIR SPRAY

Recommended Reducer	T-43 or Xylene
Reduction	0–10% max
Fluid Pressure	10–30 psi
Atomizing Pressure	20–40 psi
Tip Size	1.5

AIRLESS & AA AIRLESS

Fluid Pressure	1000–1500 psi
Tip Size	.009–.013"
AA Pressure	20–40 psi

DYNAMATCH® 5.0 VOC QUICK DRY ALKYD

NCP Product Code	Color	Size	Mix Ratio	VOC lb/gal	Pot Life	Film Thickness	Dry Time
N-7510	White (tintable)	5 Gallons Drums	Single Component Up to 5% N-7521B can be added to improve gloss and hardness	Approx 5.0 lbs/gal	Unlimited without catalyst; 4 hrs if N-7521B is added	1.5–2.0 mils	Touch: 30 minutes
N-7511	Clear (tintable)						Recoat: Within 16 hrs or after 48 hrs Handle: 4 hrs Pack/Ship: 24 hrs



Solvent-Based Enamels

DynaMatch® 3.5 VOC Chain-Stopped Enamel

These are high solid enamel topcoats with good exterior durability designed for interior and exterior application to steel. Well suited for general industrial applications including heavy equipment, trailers and trucks.

MIXING RECOMMENDATIONS

Mix Ratio	Single Component or can be catalyzed with up to 10% T-422R or N-7521B
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AIR SPRAY

Recommended Reducer	Acetone or Tertiary Butyl Acetate can be used to stay at 3.5 VOC. Xylene if allowed higher VOC.
Reduction	0–10% max
Fluid Pressure	10–30 psi
Atomizing Pressure	20–40 psi
Tip Size	1.5

AIRLESS & AA AIRLESS

Fluid Pressure	1000–1500 psi
Tip Size	.009–.013"
AA Pressure	20–40 psi

DYNAMATCH® 3.5 VOC CHAIN STOPPED ENAMEL

NCP Product Code	Color	Size	Mix Ratio	VOC lb/gal	Pot Life	Film Thickness	Dry Time
N-7397	White (tintable)	5 Gallons Drums	Single Component	< 3.5 lbs/gal	Unlimited without catalyst, 4 hrs if N-7521B is added	1.5–2.0 mils	Touch: 30 minutes Recoat: Within 16 hrs or after 48 hrs Handle: 4 hrs Pack/Ship: 24 hrs
N-7399	Clear (tintable)		Up to 10% N-7521B can be added to improve gloss and hardness				



Solvent-Based Enamels

DynaMatch® 3.5 VOC Acrylic Topcoat

An acrylic-modified alkyd topcoat with enhanced exterior durability, it is designed for interior and exterior application to steel. Well suited for general industrial applications including heavy equipment, trailers and trucks. These acrylic-modified alkyd topcoats offer improved gloss and DOI over standard alkyd systems.

MIXING RECOMMENDATIONS

Mix Ratio	Single Component or can be catalyzed with up to 10% T-422R or N-7521B
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AIR SPRAY

Recommended Reducer	Acetone or Tertiary Butyl Acetate can be used to stay at 3.5 VOC. Xylene if allowed higher VOC.
Reduction	0–15% max
Fluid Pressure	10–30 psi
Atomizing Pressure	20–40 psi
Tip Size	1.5

AIRLESS & AA AIRLESS

Fluid Pressure	1000–1500 psi
Tip Size	.009–.013"
AA Pressure	20–40 psi

DYNAMATCH® 3.5 VOC ACRYLIC TOPCOAT

NCP Product Code	Color	Size	Mix Ratio	VOC lb/gal	Pot Life	Film Thickness	Dry Time
N-8595	White (tintable)	5 Gallons Drums	Single Component	< 3.5 lbs/gal	Unlimited without catalyst, 4 hrs if N-7521B is added	1.0–2.0 mils	Touch: 30 minutes Recoat: After 30 minutes Handle: 4 hrs Pack/Ship: 24 hrs
N-8596	Clear (tintable)		Up to 5% N-7521B can be added to improve gloss and hardness				



Bake Enamels

Solvent-Based Baking Enamel

N-7273/N-7274 is a 3.5 VOC bake coating designed for a variety of interior/exterior metal surfaces. Commonly used in the office furniture industry.

MIXING RECOMMENDATIONS

Mix Ratio	Single Component
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AIR SPRAY

Recommended Reducer	Xylene or Aromatic 100 if needed
Reduction	0–20% max
Fluid Pressure	10–30 psi
Atomizing Pressure	20–40 psi
Tip Size	1.5

AIRLESS & AA AIRLESS

Fluid Pressure	1000–1500 psi
Tip Size	.009–.013"
AA Pressure	20–40 psi



SOLVENT BASED BAKING ENAMEL

NCP Product Code	Color	Size	Mix Ratio	VOC lb/gal	Pot Life	Film Thickness	Dry Time
N-7273	White (tintable)	5 Gallons Drums	Single Component	< 3.5 lbs/gal	N/A	1.5–2.0 mils	Touch: After bake Recoat: After bake Handle: Cooled after bake Pack/Ship: Cooled after bake
N-7274	Clear (tintable)						



Textured Polyurethanes

Dynatexture Bases

This low gloss two-component polyurethane coating can be applied as a smooth or textured finish on metal, plastic and wood substrates. An ideal coating for finishing products with multiple substrates or where a high performance finish is needed but high-temperature curing is not possible. Available in custom colors. Intended to use on electronic equipment and enclosures, plastic housings and parts, cell phones, medical equipment, MDF (medium density fiberboard), aluminum, iron or steel surfaces.

MIXING RECOMMENDATIONS

Mix Ratio	6:1
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AIR SPRAY

Recommended Reducer	T-382 (medium '84) recommended. May also use T-383 (fast '94), T-384 (slow Cyclo) or T-381 (HAPS '69)
Reduction	25-40 % for a smooth coat. No reduction for textured finish
Fluid Pressure	15-25 psi
Atomizing Pressure	20-60 psi
Tip Size	1.4-1.8 mm

AIRLESS & AA AIRLESS

Fluid Pressure	1000-2500 psi
Tip Size	.009-.013"
AA Pressure	20-40 psi

DYNATEXTURE BASES

NCP Product Code	Color	Size	Mix Ratio	VOC lb/gal	Pot Life	Film Thickness	Dry Time
N-7517A	White (tintable)	5 Gallons Drums	Mix 6 parts A to 1 part N-7520B (Interior Catalyst) or N-7521B (Exterior Catalyst) by volume. Reduce with 2-3 parts of reducer for a smooth coat. Product can be sprayed unreduced for a textured finish.	Approx 5 lbs/gal	8 hrs	1.5-2.5 mils	Touch: 20 minutes Through Dry: 6 hrs Hard: 24 hrs Recoat: Anytime
N-7518A	Clear (tintable)						



Polyurethanes

These coatings are 2.0 to 3.5 VOC, low HAPS or HAPS-free polyurethanes specifically designed for the agricultural, fleet, heavy industrial equipment, plastics and marine marketplaces. DynaThane™ coatings offer excellent color and gloss retention as well as superior impact and chip resistance not typically found in polyurethane technologies. These coatings are excellent for the OEM marketplace looking to increase the longevity of products in the field through coatings performance.

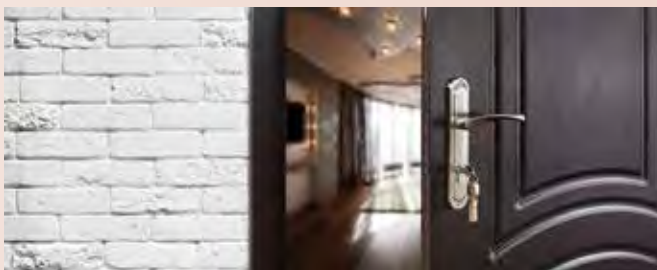
MIXING RECOMMENDATIONS

Mix Ratio	See TDS
AIR SPRAY	
Recommended Reducer	T-210, T-114 MAK or Acetone
Reduction	0–20% max
Fluid Pressure	15–20 psi
Atomizing Pressure	20–50 psi
Tip Size	1.5
AIRLESS & AA AIRLESS	
Fluid Pressure	1500–2000 psi
Tip Size	.009–.013"
AA Pressure	20–50 psi



DYNATHANE

NCP Product Code	Color	Size	Mix Ratio	VOC lb/gal	Pot Life	Film Thickness	Dry Time
See Representative	Custom colors available	1 gallon 5 gallon drums	See product TDS	2.0–3.5 lbs/gal	Varies	1.5–3.0 mils	Touch: 1–2 hrs Dry Through: 8 hrs Hard: 24 hrs Recoat: Anytime



DynaGuard™

A high performance polyurethane spray-on coating, DynaGuard™ creates a textured nonskid surface. Applied to properly prepared metal substrates, its superior coating is UV, abrasion and chemical resistant. Prepackaged in black, a clear version is available for use with our complete line of DynaMatch™ colorants for custom-selected color matching.

MIXING RECOMMENDATIONS

Mix Ratio	9:1
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AIR SPRAY

Recommended Reducer	No reduction required
Fluid Pressure	20–40 psi
Atomizing Pressure	30–70 psi
Tip Size	Minimum 2.8mm (adjust to obtain desired appearance and coverage)
Schutz Gun	20–60 psi

AIRLESS & AA AIRLESS

Fluid Pressure	1500–2500 psi
Tip Size	.013–.019"
AA Pressure	10–40 PSI

BINKS MODEL #7

Fluid Pressure	15–30 psi
Atomizing Pressure	20–40 psi

ROLL APPLICATION	Roll apply with Phenolic hard core roller
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SPRAY-ON COATING

NCP Product Code	Color	Size	Mix Ratio	VOC lb/gal	Pot Life	Film Thickness	Dry Time
N-9574A	Gray (Custom Selected Colors Available)	Quarts 1 Gallon 5 Gallons	9:1 with T-422 or 3.2 ounces per quart can (106.6 grams per quart), N-9574A is supplied in a short filled dome top quart can that is to topped off with T-422. The can is designed to allow for the use of a 3M Schutz Applicator Gun # 08997 This product is also available in bulk filled 1's, or 5's for use with pressure feed equipment with large orifice air cap and needle assembly.	2.3 lbs/gal	2–3 hrs	Varies depending on the desired profile	Touch: 2 hrs Recoat: After 1 hour Handle: 4 hrs Pack/Ship: Overnight
N-9564A	Black			2.7 lbs/gal			
N-9706A	IH Red			< 2.8 lb./gal			
N-10057A	Clear						



DynaGrip™

DynaGrip™ is a flexible polyurethane non-skid coating, available in various texture profiles, designed to replace adhesive non-skid tapes that are prone to delamination. DynaGrip offers excellent durability, color retention and stain resistance. It can be applied as-is or topcoated with 2K Urethanes in a desired color. DynaGrip was designed to offer a flexible non-skid coating for applications where expansion and contraction or the flexing of the substrate may be a concern. DynaGrip can be either roll or spray applied.

MIXING RECOMMENDATIONS

Mixing Ratio	See TDS
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AIR SPRAY

Recommended Reducer	No reduction required
Fluid Pressure	15–35 psi
Atomizing Pressure	20–45 psi
Tip Size	¼" internal fluid nozzle with ¼" air nozzle

Trowel Application	DynaGrip™ FX may be trowel-applied using a smooth edge mason's trowel. Pour the mixed paint out in approximately 3 inch ribbons and trowel in one direction to achieve the thickness desired.
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Roll Application	Roll apply with phenolic hard core roller with extended handle. Make certain to use a free-rolling roller handle. If the roller does not roll freely it will not produce the desired peaks. Pour the mixed paint out in approximately 3 inch ribbons and move around with the roller to get a uniform thickness, then back roll once to get the desired peaks and valleys. Take care to not over-roll which may cause the coating to slump and have an undesired profile.
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Note	Each application method will produce its own unique look. For the most aggressive non-skid results roll application is recommend. Spray application will yield a consistent, good non-skid surface, while trowel applying will yield better nonskid characteristics.
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DYNAGRIP™

NCP Product Code	Color	Size	Mix Ratio	VOC lb/gal	Pot Life	Film Thickness	Dry Time
See Representative	Black Custom colors available	1 gallon 5 gallons drums	See TDS	2.0–3.0 lbs/gal	Varies	Varies depending on the desired profile	Touch: 4 hrs Hard: 8 hrs Cure to Service: 7 days at 75°F





SiloxoShield™ MIL-PRF-24635 Type V and VI

This non-isocyanate siloxane coating offers excellent durability, color retention and chemical resistance typical of a urethane coating. SiloxoShield also offers stain resistance and gloss retention all while offering superior impact and chip resistance. This siloxane coating was designed for the agriculture, fleet, heavy industrial equipment and marine marketplace.

MIXING RECOMMENDATIONS

Mix Ratio	2:1
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AIR SPRAY

Recommended Reducer	Not Required
Fluid Pressure	15–20 psi
Atomizing Pressure	40–60 psi
Tip Size	1.2–1.5

AIRLESS & AA AIRLESS

Fluid Pressure	2400–3000 psi
Tip Size	0.09–0.13"
AA Pressure	10–40 psi

SILOXANE TOPCOAT

NCP Product Code	Color	QPL #	Size	Mix Ratio	VOC lb/gal	Film Thickness	Dry Time
See representative	Custom colors available	QPL Pending	1 gallon 2 gallons in 5-gallon pail	2:1 by volume Comp A : Comp B	0.41 lb/gal	3 – 4 mils DFT	Touch: 24 hrs Hard: 48 hours Cure to Service: 7 days

Most 595 Colors are available. Please contact customer service.

Technical Support

Keeping our customers satisfied is the number one priority of NCP Coatings; our Technical Support team works diligently to make this happen. This team has a vast knowledge of all of our products and how they can be best applied.

Our custom application lab has spray booths, ovens and spray equipment that is available for our direct customers and distributors to perform any necessary testing before we run production parts in their facility.

In addition, the team is highly experienced with analyzing the procedures, processes and equipment at your facility to find the optimal solutions for your company. You can trust the NCP Coating's Technical Support team to ensure you get the most out of your product purchase.







Family Owned

ISO 9001:2008 Certified

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