

## TECHNICAL DATA

### **NP861A, Single Component Liquid Additive (Accelerator)**

NP861A accelerator is a uniquely formulated liquid additive that will accelerate cure times when added to NPI moisture-cured polyurethane deck products. It promotes uniform cures at temperatures as low as 35° F (1.66°C) and prevents excessive out gassing and surface frothing in high humidity conditions. Using NP861A Accelerator provides the applicator with a proven method to enhance the speed of cure in adverse application conditions.

#### **FEATURES & BENEFITS:**

Enhances speed of cure in adverse application conditions.  
Promotes uniform cures at temperatures as low as 35°F.  
Prevents excess out gassing and surface frothing in high humidity conditions.

**PRODUCT DESCRIPTION:** Basic Uses: NP861A Accelerator is a single-component, liquid-applied, moisture-cured polyurethane coating additive designed to provide a rapid cure with a slight upgrading of physical properties when added to NPI moisture-cured deck urethanes.

Packaging: Available in pints, quarts and 1 gallon containers.

**INSTALLATION:** Recommended Use: The NP861A Accelerator use level is variable up to a limit of one pint per 5 gallons of coating. The higher the level of additive (up to the limit), the more improvement in the cure rate. Typical use levels with various products are as follows:

<b><u>Product</u></b>	<b><u>By Volume</u></b>	<b><u>Allowable Variance</u></b>
NP863B	1 oz./gal.	+ 15%
NP864I	2 oz./gal.	+ 20%
NP865IT	2 oz./gal	+ 20%
NP866T	3 oz./gal.	+ 20%

**APPLICATION:** NP861A Accelerator should be added to the moisture-cured urethanes at the job site. Use mechanical agitation for 2 to 3 minutes or until a uniform blend is attained. Take care not to entrap air during mixing. The careful addition of NP861A Accelerator to the NPI single component urethane deck products will allow a pot-life or application life of several hours.

#### **Typical Applications:**

1. Allows light traffic on decks coated with NP863B (Base Membrane Coating), NP864I (Intermediate Membrane Coatings) or NP866T (Aliphatic Top Coats) within a matter of hours at standard temperature and humidity.
2. Allows single coat applications of NP863B base coat up to 50 mils versus normal recommended application of 32 mils without use of NP861A Accelerator.
3. Slight increase in tensile strength of NP863B with no discernible decrease in elongation.
4. Slightly increases the abrasion resistance of NP866T
5. Allows coating applications in extremely high humidity (80% – 100% R.H.) with no surface bubbling or blowing.

**PRECAUTIONS:** Before using this product, read the container precaution label and SDS sheets carefully. Personnel should wear protective clothing and gloves, avoid contact of material with skin or eyes, and avoid breathing vapors. Mix and apply in well-ventilated areas and observe normal safety precautions. NP861A Accelerator is classified as a corrosive material and can cause irritation in prolonged exposure. Wash thoroughly if product contacts skin. Consult SDS for further information.

## TECHNICAL DATA – 861A

<b>Property</b>	<b>Typical Value</b>	<b>Test Method</b>
Color	Clear	Gardner
Weight per Gallon	7.2 lbs.	ASTM D-1475
Viscosity @ 77oF	20-30 cps	ASTM D-2393
Flash Point (Open Cup)	266°F	ASTM D-1310
Flash Point (Closed Cup)	170.6°F	ASTM D-1310
Ignition Temperature	4646°F	ASTM D-1310

### **NOTICE TO BUYER: DISCLAIMER OF WARRANTIES AND LIMITATIONS ON OUR LIABILITY**

*LIMITED WARRANTY* NPI warrants this product to be free of defects in workmanship and materials only at the time of shipment from our factory. If any NPI materials prove to contain manufacturing defects that substantially effect their performance, NPI will, at its option, replace the materials or refund its purchase price. This limited warranty is the only warranty extended by NPI with respect to its materials. There are no other warranties, including the expressed or implied warranties of merchantability and fitness for a particular purpose. **NPI specifically disclaims liability for any incidental, consequential, or other damages, including but not limited to, loss of profits or damages to a structure or its contents, arising under any theory of law whatsoever. The dollar value of NPI's liability and buyer's remedy under this limited warranty shall not exceed the purchase price of the NPI material in question.** Such information supplied about our products is not a representation or a warranty. It is supplied on the condition that you shall make your own tests to determine the suitability of our product for your particular purpose. Any use or application other than recommended herein is the sole responsibility of the user. Listed physical properties are typical and should not be construed as specifications. **NO WARRANTY IS MADE THAT THE USE OF SUCH INFORMATION OR OUR PRODUCT WILL NOT INFRINGE UPON ANY PATENT.** Acceptance of delivery of our product means that you have accepted the terms of this warranty whether or not purchase orders or other documents state terms that vary from this warranty. No representative is authorized to make any representation or warranty or assume any other liability on our behalf with any sale of our products. Our products contain chemicals that may **CAUSE SERIOUS PHYSICAL INJURY. BEFORE USING, READ THE MATERIAL SAFETY DATA SHEET AND FOLLOW ALL PRECAUTIONS TO PREVENT BODILY HARM.**

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