

## NP7961 TECHNICAL DATA (Polymer Floor Polish Concentrate)

**PRODUCT DESCRIPTION:** NP7961 is a one component highly durable floor polish. This product can produce a high performance floor finish that performs well in low maintenance floor finish programs as well as in ultra-high speed maintenance programs. The product can be used over many coatings and surfaces to provide a protective layer with excellent scratch and mark resistance.

### BENEFITS OF USE:

- Provides a protective layer over many surfaces.
- Long term gloss retention
- Exceptional response to High speed maintenance.
- Pops when burnished.
- Easy to dilute concentration.
- Easy application.

### VOLATILE ORGANIC CONTENT:

VOC compliant

### COLOR:

Opaque milky white color (dries clear)

### COVERAGE PER GALLON:

Typical coverage is 2,000 square feet per gallon per coat.

### MIXING RATIO:

By simply cutting the concentrate with water, floor polishes ranging from 10% up to 25% can be produced. We recommend mixing one part Concentrate with one part water by volume (19.4% solids)

### PACKAGING INFORMATION:

This product is available in 5 gallon pails and 50 gallon containers.

(Approximately 8.75 pounds/gallon)

### SHELF LIFE:

6 months in unopened containers when stored between 50-80 degrees Fahrenheit.

### FINISH CHARACTERISTICS:

Hi Gloss. The overall finish characteristics are determined by the application method and burnishing.

### ABRASION RESISTANCE:

The product has excellent scratch and mark resistance for a polymer polish.

### DOT CLASSIFICATION:

Not regulated

### VISCOSITY:

Less than 50 cps

### CONCENTRATE SOLIDS:

38%.

### pH:

8.0 Typical.

### ADHESION:

Typical applications to most surfaces have good adhesion qualities.

### PRIMER:

No primer is necessary.

### TOPCOAT:

Multiple coats (3-4 coats) are normally required for best performance.

### TEST AREA:

Substrates and surfaces can be highly variable in texture and type; accordingly, it is advisable to apply a small test area to determine suitability before undertaking the entire project.

### CURE SCHEDULE (70 Degrees F)

Allow the material to completely dry to obtain the maximum benefits of the application. Light foot traffic can usually be allowed within 8 hours. For heavier usage, allow for 24 hour cure before use. For high speed burnishing, allow to cure for 24-48 hours before burnishing

Application Temperature: 55-90°F

### LIMITATIONS:

The surface should be completely dry prior to the application of this product.

This product is intended for interior use only.

Always apply a test patch to determine the suitability before using.

Allow to completely dry before burnishing.

Surfaces may be slippery when wet or contaminated with foreign substances.

Remove spills as soon as possible to limit staining possibilities.

Physical properties listed on this technical data sheet are typical values and not specifications.

Longer term exposure to water or chemicals may cause a slight cloudiness in the wax film surface

See reverse side for application instructions.

See reverse side for limitations of our liability and warranty.

## MIXING AND APPLICATION INSTRUCTIONS: NP7961 Polymer Floor Polish Concentrate

**PRODUCT STORAGE:** Store product in an area so as to bring the material to normal room temperature before using. Continuous storage should be between 50 and 80 degree F. Keep from freezing.

**SURFACE PREPARATION:** Repair any damaged surfaces with a suitable product. Make sure surface to be waxed is completely dry. If the floor is not completely dry, the wax will not set or cure properly. All dirt, oil, dust, foreign contaminants must be removed to assure a trouble free application.

**PRODUCT APPLICATION:** Always apply a small test area before undertaking the entire job. Stir material before using. After mixing, dilute with water to the desired strength and again mix thoroughly. You can apply the polish with a nylon looped wax applicator mop or a flat wax applicator mop after you set up all necessary caution/wet floor signs and cordon off all areas that will have polish applied. There should not be any traffic through this area until all of the coats are applied and completely dry. Typical coverage rates are 2,000 square feet per gallon per coat; for example, 1 gallon would provide 4 coats on a 20'x25' (500 ft<sup>2</sup>) room. When using a flat wax mop, you can pour the polish into the open back of the mop and for looped end wax mops, we recommend dipping it into the polish in your bucket, and slightly wringing it out, so the mop is damp. Apply a "thin" coat of polish to the floor. If the first layer is too thick, the polish can cure improperly and not bond well and the rest of the polish coats will be ruined; which will require you to strip off what you just laid down, and start over. The most effective way to apply the polish throughout a room is to start at the entranceway and outline the room, running along the baseboards first, then fill in the rest of the area by working back and forth until you work your way out the door. A 15 - 25% overlap is common to ensure no areas are missed. If any polish is splashed onto the baseboards or surrounding objects, it should be removed immediately. The 1st coat must be allowed to completely dry before applying the subsequent coats. About 20 - 30 minutes is typically a good amount of time to let each coat dry before starting the next coat of polish. Repeat the above instructions after allowing the previous coat to completely dry. Typical applications for the polish are three to four coats. The more coats you put down, the more protection you'll provide for the floor. It is a good idea to allow as much time as possible for the final coat to cure and adhere before allowing foot traffic. Typically 8 hours of curing is adequate before opening it up to the public. Product is intended for indoor applications.

**RECOAT OR TOPCOATING:** Typically three to four coats are applied.

**CLEANUP:** Use any suitable mild detergent with a neutral pH to slightly alkaline pH and water.

**FLOOR CLEANING:** Caution, some cleaners may affect the polish surface. Test each cleaner in a small area, utilizing your cleaning technique. If no ill effects are noted, you can continue to clean with the product and process tested.

**RESTRICTIONS:** Restrict the use of the floor for at least 8 hours and preferably 24 hours. Keep the floor dry for this period. Dependent on actual complete system application, surface may be slippery, especially when wet or contaminated; keep surface clean and dry. Clean up chemical or water spills as soon as possible to avoid slight water marks or cloudiness in the wax film.

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

*We warrant that our products are manufactured to strict quality assurance specifications and that the information supplied by us is accurate to the best of our knowledge. 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, EXPRESSED OR IMPLIED, REGARDING SUCH OTHER INFORMATION, THE DATA ON WHICH IT IS BASED, OR THE RESULTS YOU WILL OBTAIN FROM ITS USE. NO WARRANTY IS MADE, EXPRESSED OR IMPLIED, THAT OUR PRODUCT SHALL BE MERCHANTABLE OR THAT OUR PRODUCT SHALL BE FIT FOR ANY PARTICULAR PURPOSE. NO WARRANTY IS MADE THAT THE USE OF SUCH INFORMATION OR OUR PRODUCT WILL NOT INFRINGE UPON ANY PATENT.** We shall have no liability for incidental or consequential damages, direct or indirect. Our liability is limited to the net selling price of our product or the replacement of our product, at our option. 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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