

## **TECHNICAL DATA**

### **NP866T Pigment, Polyaspartic Pigment (for Deck Coating)**

Polyaspartic pigment is a 100% solids reactive pigment designed for use with polyaspartic coating systems. The polyaspartic pigments are based on polyaspartic chemistry and as such have good color stability and good UV stability. These pigments are typically added to the NP866T clear Topcoat.

**RECOMMENDED FOR:** Recommended for use with the NP866T clear Deck Coating.

**SHELF LIFE:** Six (6) months in unopened containers.

**INSTALLATION:** Surface Preparation: The most suitable surface preparation would be a fine brush blast (shot blast) to remove all laitance and provide a suitable profile. All dirt, foreign contaminants, oil and laitance must be removed to assure a trouble free bond to the substrate. A test should be made to determine that the concrete is dry; this can be done by placing a 4'X4' plastic sheet on the substrate and taping down the edges. If after 24 hours, the substrate is still dry below the plastic sheet, then the substrate is generally dry enough to start coating. The plastic sheet testing is also a good method to determine if any hydrostatic pressure problems exist that may later cause disbonding.

**MIXING:** Typically, a quart of the polyaspartic is added to five gallons of a clear NP866T. After the polyaspartic pigment is added to the NP866T Clear, it should be mixed well with slow speed mixing equipment such as a jiffy mixer until the material is thoroughly mixed and streak free. After mixing the polyaspartic pigment into the NP866T Clear, transfer the mixed material into an oversized pail and again remix being sure to scrape the sides thoroughly to make sure that the colored polyaspartic pigment and the NP866T clear component are thoroughly mixed and streak free. This product will have a 4 hour usable pot life, so make sure you are completely familiar with the amount of time (through testing samples) available to apply the material.

**APPLICATION:** NP866T Clear with added pigment is normally applied at a rate of 80-100 square feet per gallon, per coat, resulting in a film thickness of 16 to 20 wet mils. Coverage will vary depending on the aggregate size, texture or degree of surface porosity of the base coat system used. The larger the aggregate used, the lower the coverage due to the greater surface area being covered. NP866T Clear with added pigment is easily applied by squeegee, roller, or notched trowel. Always follow by back rolling. At 50% relative humidity and 77°F, the coating will be dry to the touch within 16 hours. Traffic should not be allowed on the finished coating for 24 hours.

**RECOAT OR TOPCOAT:** Normally, the NP866T Clear with added pigment is applied over a suitable broadcasted system as the topcoat.

**PRECAUTIONS/ LIMITATIONS:** Color stability or gloss may be affected by environmental conditions such as high humidity, chemical exposure, UV exposure or exposure to lighting such as sodium vapor lights or applications in direct sunlight. Colors may vary from batch to batch. Therefore, use only product from the same batch for an entire job. In certain environments, such as high temperatures and high humidity, some color change and texture differences from overlaps & tie-ins may be noticeable after the application. Once the pigment is added to the NP866T, the product must be used within 4 hours and cannot be saved for a later use. Read the NP866T technical data as well as the NP866T and Deck Coating Polyaspartic Pigment SDS's before use. Substrate temperature must be 5°F above dew point. All new concrete must be cured for at least 30 days prior to application. Apply only to a suitable Base coat system that is completely dry. Some colors such as the Aspartic Safety yellow and white might need multiple coats for appropriate hiding, depending on application thickness. Always apply a test patch to determine hiding suitability before using. See reverse side for application instructions. See reverse side for limitations of our liability and warranty.

**APPLICATION TEMPERATURE:** 45-85 degrees F

**CURE SCHEDULE**

The cure schedule including gel time and dry time should be thoroughly evaluated to determine suitability of the polyaspartic pigment. The addition of the pigment will shorten the usable working life of the NP866T, and will also shorten the dry time of the coating. Also, attention should be given to color change and tie-in procedures.

**CURE SCHEDULE USING 866T Clear:**

Clear pot life ..... 1-2 days  
Color added pot life ..... *Use within 4 hours*  
Clear tack free (dry to touch) ..... 12 hours  
Color added tack free (dry to touch) ..... *10 hours*  
Recoat or topcoat ..... 12-16 hours  
Light foot traffic ..... 20-24 hours  
Full cure (heavy traffic) ..... 30-36 hours

**MIX RATIO:**

1 Quart Polyaspartic Pigment to 5 Gallons 866T Clear liquids – typical.

**DOT CLASSIFICATIONS:** Not Regulated

**RECOMMENDED FILM THICKNESS/  
COVERAGE PER GALLON:**

Varies by system and products used.

**SOLIDS:**

By Weight: 100%, By Volume: 100%

**CHEMICAL RESISTANCE:** The addition of 1 quart per 5 gallons of the NP866T Clear liquid will have a negligible influence on the overall chemical resistance of the system.

**VOC CONTENT:** 0 pounds per gallon

**PACKAGING INFORMATION:** 1 Quart Can

**AVAILABLE COLOR:** Light Gray, Off White, Medium Gray, Dark Gray, White, Black, Beige, Tan, SE Camel, Fazor Tan, Brown, Tile Red, Aspartic Traffic Yellow. NOTE: Some colors may require additional lead time, check with your sales rep.

**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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