



# DATA SHEET

## PHARMA-ROOM SYSTEM: POLYURETHANE(TOPCOAT)

**DESCRIPTION: PHARMA-ROOM SYSTEM: Polyurethane (Topcoat)** is a two-part, water-borne, VOC-compliant, linear polyester polyurethane enamel. It will provide appearance and performance equal to its solvent-borne counterparts. PRS: Polyurethane comes in clear gloss and clear satin. PRS: Polyurethane is extremely weatherable and abrasion-resistant and will retain its appearance for long periods in a variety of environments. For use over Pharma-Room Primer, Pharma-Room Epoxies, Pharma-Room membranes or properly prepared surfaces.

### PHYSICAL PROPERTIES:

<b>FINISH</b>	<b>High Gloss (Clear) Semi-gloss (Colors)</b>
<b>RECOMMENDED SPREAD RATE</b>	<b>350-400ft<sup>2</sup>/gallon.</b>
<b>COLORS</b>	<b>12 standard colors (color cards available on request)</b>
<b>WEIGHT SOLIDS:</b>	
<b>COLORS</b>	<b>37%</b>
<b>CLEAR</b>	<b>32%</b>
<b>VOC</b>	<b>105-125 grams/liter (depending on color)</b>
<b>APPLICATION TEMPERATURE</b>	<b>55-90° F</b>
<b>MIXING RATIO</b>	<b>2oz. crosslinker per gallon of paint base. (~8 drops/fl. oz. for small batches)</b>
<b>THINNING</b>	<b>Deionized or distilled water. Thin as needed up to 25%.</b>
<b>POT LIFE</b>	<b>8 hours @ 70°F.</b>
<b>RECOAT TIME</b>	<b>2 hours minimum 24 hours maximum (Sanding is required after that.)</b>

**DRYING TIME****(5 mils wet @ 70°F, 50% RH): 60 minutes****OPTIMUM DRY FILM THICKNESS****2.5-3 mils****SHELF LIFE****12 months @ 70°F in original container****CLEAN UP****Clean water for uncured paint. If paint has dried, paint stripper will be needed to remove it.****SURFACE PREPARATION**

WOOD, STEEL, OR COMPOSITE: Prime with The Pharma-Room products according to product instructions. Sand primed surfaces with 150 to 220-grit wet-or-dry sandpaper, and wipe with water or denatured alcohol. Do not use tack rags which can leave a waxy residue. Surface must be clean, dry, and free of dust, oil, grease or other contaminants prior to application.

PRS: Polyurethane may be applied directly over Pharma-Room System coatings or resins. Sand surfaces with 80, then 120, then 150 to 220-grit wet-or-dry sandpaper, and wipe with water or denatured alcohol. Allow resin to cure at least 7 days at 70°F or above. Sand surface to a uniform dull finish with 120 then 150 or 220- grit wet-or-dry sandpaper.

**NOTES**

The Application Guide contains more detailed instructions. Refer to the product MSDS for complete safety and handling instructions. Dilute crosslinker with thinning water prior to addition to paint base. Not meant for use below the waterline on constantly-immersed boats. PRS: Polyurethane will dry without the crosslinker added, but will not have desirable chemical resistance and weatherability without it.

**Warranty Disclaimer**

We guarantee our Products adhere to the specifications of The Pharma Room. The Pharma Room makes no warranty or guarantee, expressed or implied, including warranties of fitness for a particular purpose or merchantability, respecting its Products. Liability, if any, is limited to refund or purchase price or replacement of the Product. All consequential damages, labor and cost of labor are hereby excluded.