



**Lubrizol**

WOOD COATINGS

# TURBOSET™ ULTRA PRO

## SELF-CROSSLINKING WATERBORNE POLYURETHANE DISPERSION

For superior-looking wood floor finishes that are durable and easy to apply, turn to Lubrizol Performance Coatings. New Turboset™ Ultra Pro urethane dispersion eliminates the need for a separate crosslinker, yet delivers performance comparable to two-component waterborne systems.

### **Fast, tough and smart**

Designed to exhibit exceptional floor-wear characteristics, such as black heel mark and scuff resistance, Turboset™ Ultra Pro is ideal for sports and recreational floors. Its ease of use and extended pot life also make it an excellent candidate for high-end residential and commercial floor finishes.

### **How it works**

The nano-sized polymer particles in Turboset™ Ultra Pro urethane dispersion crosslink after application and continue while drying. Turboset™ Ultra Pro exhibits outstanding long-term dispersion stability in pH ranges from neutral and above. As water and cosolvent leave the film and the pH of the film drops, curing takes place. By reducing application time, the formula allows for multiple coats per day.

### **Additional benefits**

In addition, Turboset™ Ultra Pro urethane dispersion makes coating application easier and safer than ever. The single stage system has an extended pot life that prolongs the ability to use the material and minimizes unwanted waste. It also eliminates many potential health and environmental hazards, including reduced odor and waste disposal.

**FASTER, TOUGHER & MORE VERSATILE, TURBOSET™ ULTRA PRO IS CHANGING THE GAME FOR FLOOR FINISHES**

- ONE LESS STEP (NO CROSSLINKING) MEANS A HUGE LEAP FORWARD IN PRODUCTIVITY
- NEXT GENERATION LEGENDARY TECHNOLOGY FOR SPORTS FLOORS AND OTHER HIGH-END RESIDENTIAL AND COMMERCIAL FLOOR FINISHES
- SUPERB APPEARANCE AND DURABILITY
- EASY TO USE WITH REDUCED ODOR AND HEALTH RISKS

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## FEATURES & BENEFITS

- ONE-COMPONENT; NO ADDITIONAL CROSSLINKER REQUIRED
- IDEAL FOR SPORTS FLOORS AND HIGH-END RESIDENTIAL AND COMMERCIAL FLOORS
- EXCELLENT BLACK HEEL MARK RESISTANCE
- DRIED FILM APPEARANCE COMPARABLE TO HIGH VOC FINISHES
- POLYMER ACHIEVES 90 GLOSS UNITS AT 60° FOR SPORTS FLOORS
- LOWER HEALTH RISKS AND LESS WASTE
- MFMA COF COMPLIANT—MEETS SLIP REQUIREMENTS FOR WOOD FLOORS
- POLYMER AND FORMULATIONS HAVE EXCELLENT LONG-TERM STABILITY

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## TYPICAL PROPERTIES

| APPEARANCE (WET)                                    | LIGHT MILKY DISPERSION |
|---|------------------------|
| TOTAL SOLIDS BY WEIGHT, %                           | 36 ± 1                 |
| TOTAL SOLIDS BY VOLUME, %                           | 33 ± 1                 |
| DENSITY, POUNDS/GALLON (GM/CM <sup>3</sup> )        | 8.83 (1.06)            |
| BROOKFIELD VISCOSITY, 25°C CPS, #2 SPINDLE, 100 RPM | <100                   |
| PH  | 7.5–8.0                |
| TENSILE STRENGTH, PSI                               | 4200                   |
| 100% MODULUS, PSI                                   | 4000                   |
| % ELONGATION  | 110                    |
| VOLATILE ORGANIC CONTENT, WT%                       | 6.8                    |
| FREEZE-THAW STABILITY                               | STABLE                 |

\* Property values represent typical results only and are not to be considered specifications.

### Lubrizol Advanced Materials, Inc.

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