



Sport Poly



DESCRIPTION:

Bona Sport® Sport Poly is a premium quality, oil-modified polyurethane developed specifically for the wood sport floor market. Sport Poly provides an extremely tough, high build gloss finish with excellent chemical resistance, protecting against perspiration and routine cleaning. Bona Sport® Sport Poly meets the federal and most state clean air quality standards.

FEATURES:

- High solids, oil-modified polyurethane
- Provides a tough protective coat
- Provides excellent chemical resistance
- Protects against perspiration and routine cleaning
- Light amber color enhances natural color of wood
- MFMA approved
- Easy to maintain
- Self-leveling
- Available in gloss
- Will adhere to most solvent-based and waterborne finishes after proper preparation, drying, and curing times

RECOMMENDED USE:

- Basketball courts
- Volleyball courts
- Racquetball, squash and badminton courts
- Multi-purpose gym, stage, aerobic and dance floors

DIRECTIONS FOR USE:

BEFORE USING, READ ALL DIRECTIONS AND MATERIAL SAFETY DATA SHEET #91082.

PREPARATION:

ABRADE AND RECOAT OLD FLOORS: 1. Be sure floor is free from wax or oily residue. 2. Use Bona Prep™ system (see label for directions). 3. Apply finish (see finish directions).

NOTE: SPORT POLY will adhere to most finishes after proper preparation and dry times. ALWAYS PREPARE A SAMPLE OR TEST AREA TO DETERMINE COMPATIBILITY.

SANDING AND FINISHING NEW FLOORS: 1. Sand and prepare floor using MFMA-accepted methods. 2. Make your final cut with 100-120-grit paper. Screen with 100-120-grit screen. 3. Vacuum thoroughly. 4. Tack with mineral spirits. 5. Apply sealer and finish system (see finish directions).

INTERCOAT ABRASION FOR FLOORS WITH GAME LINES: Apply game lines over either the sealer coat or the first coat of finish. Before applying game lines, abrade with a Bona® Conditioning Pad and vacuum and tack thoroughly. Apply game lines using Bona Sport® CourtLines™ sport floor paint. IF USING ANOTHER MANUFACTURER'S PAINT, BEFORE APPLYING GAME LINES, ALWAYS PREPARE A SAMPLE OR TEST AREA TO DETERMINE COMPATIBILITY AND ADHESION. After applying game lines using CourtLines™ or an oil-based enamel (DO NOT USE PAINT CONTAINING VINYL OR POLY-VINYLS), abrade game lines with a Bona® Conditioning Pad to ensure adhesion of finish. **Always vacuum and tack thoroughly after abrading.** Apply finish coat.

INTERCOAT ABRASION FOR FLOORS WITHOUT GAME LINES: Abrade sealer coat and between finish coats of SPORT POLY to ensure adhesion. Always vacuum and tack thoroughly after abrading.

The SPORT POLY System is a 4-coat system:

- 1-2 coats of SPORT SEAL
- 2-3 coats of SPORT POLY

FINISHING: STIR WELL BEFORE USING. 1. Apply 1-2 coats of SPORT SEAL according to label directions, followed by 2-3 coats of SPORT POLY. 2. Apply SPORT POLY with a clean lambswool applicator. Go with the grain of the wood applying a thin, uniform coat. Work an area not to exceed 6 ft. square. 3. Avoid leaving puddles of excessive amounts of finish on the floor. 4. Allow your first coat to dry thoroughly (approximately 8-12 hours). Periods of high humidity and/or low temperatures will extend the drying time considerably. 5. For proper adhesion, abrade with a Bona® Conditioning Pad between coats of finish. Allow final coat to dry a minimum of 72 hours before use.

NOTE: SPORT POLY is not recommended over shellac, lacquer sanding sealers, fillers or stains containing stearates. Oil-modified finishes will have a slight ambering effect over light-colored surfaces.

CURING: The curing process takes approximately 14 days. The floor may be walked on after 24 hours, but the floor is susceptible to scuffing or marring prior to completion of the curing time. Do not replace athletic or walk-off mats until finish is fully cured. Do not clean with water or detergent during the curing process.

CLEAN-UP: Clean application tools and equipment with mineral spirits.

MAINTENANCE: Put walk-off mats at all entrance doorways to keep out excessive dirt and grit. See BONA® PACIFIC SPORT CLEAN instructions for cleaning and maintenance information.

STORAGE AND DISPOSAL: Keep container closed when not in use. Do not transfer contents to other containers for storage and disposal. Do not return used material to original container; reapply or dispose of. In case of spillage, absorb with inert material. Dispose of contaminated absorbent, container and/or unused contents in accordance with local, state and federal regulations.

DANGER: RAGS, STEEL WOOL OR WASTE SOAKED WITH SPORT POLY MAY SPONTANEOUSLY CATCH FIRE IF IMPROPERLY DISCARDED. IMMEDIATELY AFTER EACH USE, PLACE RAGS, STEEL WOOL OR WASTE IN A SEALED, WATER-FILLED METAL CONTAINER.

SPECIFICATIONS/PHYSICAL DATA:

Physical Characteristics:

Ingredients - Oil-modified polyurethane resin, mineral spirits (solvent), driers.

Color - Light amber

pH - N/A

Solids - 50%

Viscosity - (#4 Ford cup @ 25° C) approx. 21-24 seconds

Density - 7.5 lbs./gallon (.90 S.G.)

Packaging - 5-gallon pail • 1-gallon cans

Gloss Level - (60°) 90+

Odor - Mineral spirits

Flash Point - 110°F (PMCC)

Stability - One year shelf life in unopened container

VOC - Does not exceed 450 grams per liter (3.8 pounds per gallon)

Application Characteristics:

Clarity - Clear when dry

Leveling - Good

Defoaming - Excellent

Drying Time - 8-12 hours

Application Tools - Brush, lambswool applicator

Coverage - 500 sq. ft. per gallon

Percent Cured After 24 Hours - 50%

Maximum Cure - 2 weeks

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