



BLUE RIVER COATINGS

Product Data Sheet

ACRYLIC SANDING SEALER

PRODUCT DESCRIPTION

BLUE RIVER COATINGS ACRYLIC SANDING SEALER is a waterbased wood sealer to fill the grain. The product is designed to be a sandable self-sealing topcoat for wood. ACRYLIC SANDING SEALER offers superb application properties, low foam, good adhesion, and excellent sanding properties. ACRYLIC SANDING SEALER dries quickly (eliminating excessive grain raise on wood) and provides excellent sealing properties to help repel water. The product is designed to work in conjunction with Blue River Coatings Wood Stains and Topcoats.

ENVIRONMENTAL ADVANTAGES

BLUE RIVER COATINGS ACRYLIC SANDING SEALER is considered non-hazardous by EPA definitions and does not contain lead or chromates. The solid and semi-solid sludge produced in spraying and clean up can be flocculated, dried and sent to a "Class B" landfill. Check with local and state regulations for proper handling.

CHARACTERISTICS

- ◆ Excellent grain filler
- ◆ Minimal grain raising
- ◆ Dry to touch in 15 minutes and Dry to sand in 30 minutes at 70°F and 50% humidity
- ◆ Can be applied in a wide variety of temperature and humidity conditions
- ◆ Water is used for clean-up
- ◆ Non-Hazardous
- ◆ Shelf life of 1 year
- ◆ Non-Flammable

USES

- ◆ Any wood surface that is being sanded, stained, or sealed

AIR QUALITY DATA

- ◆ VOC (Volatile Organic Compounds) 1.2 lb/gal; 144 gm/ltr
- ◆ Free of lead and chromates

PHYSICAL DATA

- ◆ Liquid
- ◆ Specific Gravity: >1
- ◆ Vapor Density: Heavier than air
- ◆ Evaporation Rate: Slower than ether
- ◆ VOC: 1.2 lb/gal; 144 gm/ltr
- ◆ Boiling Point: 336°F
- ◆ % Solid by weight: 43%
- ◆ % Solid by volume: 39.2%
- ◆ Weight per gallon: 8.7 lbs
- ◆ Flash Point: 150°F C

PERFORMANCE DATA

Recommended film thickness for test results on steel is 1 mil.

1. Flexibility: Good
2. Theoretical Coverage at 1 mil: 642 ft² (1604 x 40% solids by volume)
3. Hardness: HB
4. Drying Time (Air Dry): Recoat – 10 minutes @ 50% humidity and 75°F
5. Drying Time (Air Dry): Dust Free – 20 minutes @ 50% humidity and 75°F
6. Drying Time (Air Dry): Dry To Handle – 45 minutes @ 50% humidity and 75

SPECIFICATIONS

WOOD: Surface must be dry, sanded and dust free. Oil stains may not be used. For information on approved water base stains and wood primer, contact Blue River Coatings.

APPLICATION

1. Spraying: reduce with water to 20-25 seconds Zahn #2. Apply medium wet coat over surface. For best results apply with spray gun with tip size of 0.7 to 1.0. Air pressure should be between 10 and 20 psi for HVLP and 20-40 psi for conventional.
2. Brushing or rolling: reduce with distilled or clean tap water to 30-38 seconds Zahn #2.
3. Stir contents before use. **Never shake or stir under high agitation.**
4. Shelf life: 1 year.
5. Apply with standard equipment-pressure or suction feed, air assisted airless, HVLP or LVLP. Atomization pressure depends on viscosity.

CLEAN-UP WITH WATER

If the coating dries, solvents may have to be used for clean up. If the spray equipment is not stainless steel, the equipment may have to be taken apart and air-dried.