

POLYURETHANE COATING



VANGUARD™
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PRODUCT SPECIFICATION BULLETIN

THE FINEST IN JANITORIAL PRODUCTS, SUPPLIES AND EQUIPMENT SINCE 1946

Product No. 400

PRODUCT DESCRIPTION

Date revised 9/2004

LAWTON'S VANGUARD is a unique, *top quality*, high solids, water-borne polyurethane floor coating for interior application. Additional qualities of LAWTON'S VANGUARD include: Easy application, low odor, easy cleanup, high durability, non-yellowing, UV resistant, scratch resistant and more. VANGUARD is used on wood, wood sports floors, concrete, quarry tile, paver brick and many more *porous* ceramic or masonry surfaces.

DIRECTIONS

WOOD SURFACE PREPARATION: Thoroughly clean floor. Screen the floor with 120 grit sanding screen then finish up with 150 grit. Vacuum sanding debris. Tack floor several times with clean towel lightly dampened.

SEALING: BARE WOOD: Using a T-bar, lambswool applicator, roller applicator or Wax O Matic applicator, apply a uniform coat of VANGUARD with the grain of the wood at approximately 500 to 800 sq. ft. per gallon coverage. Allow to dry 2 hours then apply a second coat. Allow 24 to 48 hours cure time then lightly screen, vacuum and tack prior to finishing.

WOOD FINISHING: SEALED OR SCREENED OLD COATED FLOORS: Apply 2 or 3 uniform coats of LAWTON'S VANGUARD at 800 to 1000 sq. ft. per gallon coverage allowing a minimum of 2 hours dry and cure time between coats. Normal traffic in 24 hours.

HARD SURFACE FINISHING: CONCRETE & UNGLAZED CERAMIC: Using a rotary floor machine, thoroughly clean and prepare the floor. If the floor has an existing coating, it may be abraded with an abrasive scrub pad then top coated or stripped then coated. If top coated, test for adhesion. Apply 2 or 3 uniform coats of LAWTON'S VANGUARD at 800 sq. ft. per gallon coverage allowing a minimum of 2 hours dry and cure time between coats. Normal traffic in 24 hours.

ACCESSORY PRODUCTS: LAWTON'S ACCELERATOR: For application on wood sports floors or warehouse floors, add LAWTON'S ACCELERATOR in the final coat for increased durability, soil resistance and water resistance. **LAWTON'S FLATTING AGENT:** For a satin gloss finish, use LAWTON'S FLATTING AGENT as directed.

CLEAN UP: Clean up equipment with a water solution of LAWTON'S BREEZE immediately after use.

CAUTIONS

CAUTION: Keep out of reach of children. Any liquids spilled on a finished floor will cause a hazardously slippery condition. Clean up of spills should have immediate attention. Avoid eye contact. For eye contact, rinse with water. If irritation persists, get medical help. Do not swallow. If swallowed get medical help immediately.

WARNING: Do not pour unused finish back into container as it will damage the product.

CUIDADO: Mantenerlo alejado del alcance de los niños. La limpieza de los derrames requiere atención inmediata. Evite contacto con los ojos. Si tiene contacto con los ojos, enjuague bien con agua. Si la irritación persiste, busque ayuda médica. No lo ingiera. Si lo ingiere busque ayuda médica inmediatamente.

AVISO: No vuelva a vaciar el resto del producto que no utilizó adentro del envase original ya que esto dañará el producto.

HAZARDOUS INGREDIENTS:

Diethyleneglycol n-butylether.....	CAS NO. 112-34-5
Diethyleneglycol monoethylether.....	CAS NO. 111-90-0
n-Methyl-2-pyrrolidone	CAS NO. 872-50-4

PROTECTIVE EQUIPMENT

It is recommended to wear protective gloves and protective eyewear when using this product.

TECHNICAL DATA

Nonvolatile solids	25.0 ± 1% by wt.
Color and appearance	Milk white liquid.
Odor	Low odor, very mild.
Viscosity	Water thin.
pH.....	9.0 ± .5 @ 25°C.
Specific gravity.....	1.028 @ 25°C.
Weight per gallon	8.55 lbs. per gallon.
Dry time.....	30 mins.
Recoat time: Cure time to recoat.....	2 hrs.
Leveling.....	Excellent.
Gloss	Excellent.
Detergent resistance.....	Excellent.
Removability	Good.
Removability with accelerator	Permanent, must use sanding screen.
Slip resistance	Improved with flatting agent.
Nonyellowing.....	Excellent.
Dry film clarity.....	Excellent.
Freeze / thaw stability	Passes standard.
Flash point.....	Nonflammable.
Shelf life (stored properly).....	1 year.

READY TO USE

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