



**McPOLYTHANE CLEAR
POLYURETHANE SATIN FINISH
01199**

PRODUCT DATA

GENERIC TYPE: Polyurethane Alkyd

DESCRIPTION: McCormick McPolythane Clear Polyurethane Satin Finish is an extremely durable, easy to apply interior polyurethane coating formulated to dry to a tough finish with excellent resistance to wear and staining from water, alcohol, food, household chemicals, etc.

Features:

- Premium Quality
- Suitable for Wood Floors
- Resistant to Marring
- Satin Finish

RECOMMENDED USES: For use in hard use areas of hotels, hospitals, schools, homes, and factories. Suitable for wood floors, paneling, patio furniture, bar and table tops, cabinets, doors, etc.

NOTE: Satin and gloss McPolythane can be mixed together to change the sheen. Satisfactory results may not be obtained unless used as directed. McPolythane will give an amber tone to light colored stained or painted surfaces.

COMPATIBLE COATINGS: May be applied over properly prepared old finishes which have not been removed.

NOT RECOMMENDED: Do not use on exterior surfaces as the satin sheen may lose gloss in direct sunlight. Do not use over shellac, lacquer, or sanding sealer that contains stearates or silicones.

PHYSICAL CHARACTERISTICS

Colors: Clear

Vehicle Type: Polyurethane Alkyd

VOC/VOS: Less than 450 g/L; 3.8 lb. /gal

Volume Solids (Avg.): 43.3% ± 2%

Weight Solids (Avg.): 50.4% ± 2%

Viscosity: 55 - 60 KU

Suggested Film Thickness:

Brush and Roll: 3.2 mils wet, 1.4 mils dry

Spray: 6 mils wet, 2.4 mils dry

Theoretical Coverage per Gallon:

500 sq ft @ 1.4 mils DFT

Gloss Level: 20-30 units @ 60°

Sheen: N/A

Drying Time @77°F & 50% R.H.:

To Touch: 4 hours

Recoat: 8 hours. Allow additional drying time during humid or cooler weather.

Min. Surface/Air Temperature at Application: 50°F

Max. Surface/Air Temperature at Application: 110°F

Flash Point: 150°F Intermittent

Heat Resistance: 250°F

Flame Spread Rating: Class A (0-25) on Non Combustible Surfaces

Application: Brush, Roller or Spray

Thinning:

Brush and Roller: Not Recommended

Spray: Mineral Spirits up to One Pint per Gallon

Clean Up: Mineral Spirits

Packaging: Quart

Weight per Gallon: 7.5 lb. /gal

This product is currently certified under MPI #57

| | | | |
|-------------|------|--------|-----|
| GREEN WISE® | LEED | SCAQMD | OTC |
| NO | NO | NO | YES |

APPLICATION INSTRUCTIONS

For the following surfaces, finish with 3 coats of McCormick McPolythane Clear Polyurethane Satin Finish 01199.

SURFACE PREPARATION

Previously Stained or Polyurethaned Surfaces: All surfaces must be internally dry, thoroughly clean, and free from dirt, grease, oil, soap, wax and other surface contaminants that impair adhesion. Dull glossy surfaces by sanding. Clean sanded surfaces by wiping with clean rags wet with mineral spirits and allow to dry thoroughly. For best results apply 2 finish coats.

New Wood: Sand smooth and remove dust as for previously painted surfaces. Apply 3 finish coats.

Stained Surfaces: Make sure wood stain is completely dry before applying this product. For best results apply 3 coats.

APPLICATION

Always stir well before use. Additives for ease of application or to promote adhesion are not recommended. Do not apply if material, substrate, or ambient temperature is below 50°F or above 110°F. Relative humidity should be below 90%. Apply by brush, roller, or spray. For best brush application results, use a quality synthetic filament brush. For roller application, use a ¼" nap cover. For spray application, thin with mineral spirits, up to one pint per gallon if necessary.

APPLICATION EQUIPMENT

- Apply by brush, roller, or spray.
- Manufacturers listed below are a guide. Others may be used. Changes in pressure and tip size may be required to achieve proper application.

Airless Spray:

Pump: Graco / Titan 100

High Pressure Filter: Mesh

Fluid Hose: ¼" x 50'

Tips: 0.013" - 0.015"

Minimum pressure to avoid fingering: 2000 psi

CAUTIONS --- Lead Hazard: WARNING!

If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

USE ONLY WITH ADEQUATE VENTILATION. Wear appropriate respiratory protection when sanding or spraying this product. To avoid breathing vapors or spray mist, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches or dizziness, wear respiratory protection (NIOSH/MSHA TC23C or equivalent) or leave the area. Avoid contact with eyes and skin.

First Aid: If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately. In case of eye contact, flush immediately with plenty of water for at least 15 minutes and get medical attention; for skin, wash thoroughly with soap and water. If swallowed, get medical attention immediately.

CONTAINER LABELING COMPLIES WITH APPLICABLE STATE RIGHT-TO-KNOW ACTS. For additional safety and health information, please refer to the Safety Data Sheet (SDS).