

MANN BROTHERS PREMIUM PAINTS & FINISHING PRODUCTS

758 N. La Brea Blvd., Hollywood, CA 90038 TEL: 323.936-5168

PRODUCT DATA SHEET # 30-01 PALE-LAC WHITE

DESCRIPTION: Mann Brothers PALE-LAC is a synthetic resin replacement for original manila chips shellac. It is a white pigmented, fast drying coating with very good stain-sealing capabilities, solvent resistance, and barrier-coat properties. PALE-LAC is also used to provide roping properties for excellent special effects.

SURFACE PREPARATION: Standard procedure and practices which are normally followed in the painting profession, should be used to clean and prepare surfaces before painting begins. All surfaces must be free of oil, grease, dust and dirt.

APPLICATION: No standard application method. This product is normally tack-free in 30-60 minutes depending upon air temperature and humidity. May be brushed, thrown, sprayed, etc.

DRY TIME: This product is normally tack-free in 30-60 minutes depending upon air temperature and humidity.

VAPORS MAY IGNITE EXPLOSIVELY. Keep away from heat, sparks and flame. Vapors may cause flash fire. Do not smoke. Extinguish all flames and pilot lights, and turn off stoves, heaters, electric motors and other sources of ignition during use and until all vapors are gone. Prevent buildup of vapors by opening all windows and doors to achieve cross—ventilation. Use only with adequate ventilation. Do not breath vapor or spray mist. Ensure fresh air entry during application and drying. IF you experience eye watering, headache or dizziness or if air monitoring demonstrates vapor/mist levels are above applicable limits, wear an appropriate, properly fitted respirator (NIOSH/MSHA approved) during and after application. Follow respirator manufacturer's directions for respirator use. Close container after each use. 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 immediately; for skin, wash thoroughly with soap and water. If swallowed, get medical attention immediately. For additional information, see Material Safety Data Sheet (M.S.D.S) for this product.

If spilled, contain spilled material and remove with inert absorbent. Dispose of contaminated absorbent, container and unused content in accordance with local, state and federal regulations.

NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

DENSITY: 11.16 lb per gallon on white color, varies depending on colors

NON-VOLATILE(Wt %): 48.9 for white color

NON-VOLATILE(Vol%): 32.9 for white color

VISCOSITY: 85 – 100 KU

DRYING TIME: It may be recoated in about 2 hour under normal atmosphere and application conditions.

Overnight dry is recommended before use.

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Drying time also depends on surface temperature and relative humidity.

- THINNING:** Thin with water if needed. Over-thinning results the loss of hide.
- COVERAGE:** 250-350 sq. ft. per gallon. Actual coverage may vary depending surface conditions and application technique.
- CLEAN UP:** Warm, soapy water.
- V.O.C.:** Less than 275 grams per liter.
- CAUTION :** Do not take internally. Avoid contact with eyes, prolonged contact with skin or breathing of spray mists. Use with adequate ventilation. Clean hand and contaminated skins after use.
- WARNING:** Do not apply if surface, container or air temperature is below **50 degree F**.
- NOTICE:** Purchaser is responsible for legal disposal of containers. Close container after each use.
Do not take internally. **Keep out of reach of children. Keep from freezing.**