



## PU LV SANDING SEALER #5001

### General Description:

PU LV SANDING SEALER #5001 is a low VOC PU sealer based on a high solid resin. A two component material with high covering property, elasticity and sanding characteristics. Because of the excellent quality of raw materials, it does give a covering film of great transparency and minimum coat requirement.

PU LV SANDING SEALER #5001 meets the VOC content limit of Annex II, Phase II, Table A of European Directive 2004/42/EC:2004

### Major Uses:

Best for furniture, office tables, shelves, turned pieces, cabinets, and all wood works with deep grains and critical surfaces. It can be used on automatic spraying machine, conventional, and multicoated system

### Characteristics and Physical Properties:

Appearance	Opalescent
Specific gravity	0.980 kg/L
Viscosity @ 25°C	80-100" FC # 4
Flash point	25°C
Non volatile (%wt.)	Base : 46.5 Catalyst : 27.5
Application condition: Air temperature Relative humidity	5~35°C 85% max.
Application method	Conventional / Auto Spray / Curtain coater
Recommended Catalyst	Catalyst LV/34
Thinner	PU Thinner # 105
Mixing ratio	Base:Catalyst:Thinner 100 : 50 : 25-30
Pot life @ 25°C	3-4 hrs
Drying time @ 25°C Dust free To touch To recoat Hard Sandable	10-15 min. 35-45 min. 2-3 hrs. 24-36 hrs. 1-2 hrs.
Coverage	6~8 m <sup>2</sup> /L
VOC	249 g/L

### Method of Application:

Prepare the surface to be painted with manual or automatic sanding machine.

- Apply the required dyes or stain (optional)
- Apply 1 – 2 coat of PU LV Sanding Sealer #5001 with catalyst, vertically and horizontally.
- After the primed coat got dried, sand with medium sand paper up to the extent not to damage the substrate.
- If required, apply wood putty transparent or Putty Filler on nail holes, cracks and joints.
- Apply 1 – 2 coats of PU LV Sanding Sealer #5001 prior to the final sanding and top coating.

Recoating if required within 30 minutes minimum and 3 hours maximum. Medium sanding with 240/360 grit sand paper is recommended before subsequent coat.

### Packing:

Available in 1 lit, 1Usg, 20 lit. Pail and 200lit Drum.

### Storage:

Shelf life 12 months minimum if stored below 25°C. Keep the PU Sealer and Catalyst tightly close after using.

### Cleaning of Tools:

All tools should be cleaned with Wash Thinner or PU Thinner # 105.

### Precautions:

PU LV SANDING SEALER #5001 does not contain dangerous solvents, nevertheless, good ventilation in working rooms/areas is recommended as well as the use of safety tools and equipment. PU LV SANDING SEALER #5001 is flammable and harmful if swallowed. If contact with eyes or skin occurs, wash well with fresh water and seek immediate medical advice.

*The above information is given to the best of our knowledge based on laboratory test and practical experience. However, as the paint is often used under condition beyond our control, we cannot guarantee anything but the quality of the paint itself. We reserve the right to change the given data without prior notice.*

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