

## General Description:

PU GLOSS LV/5191 is a clear polyurethane glossy varnish based on poly – functional saturated polyester resin. A varnish of two component materials with excellent covering properties and optimum brilliant finish. Due to its high solid content, it provides a U.V. resistance; resistant to weathering and some limited acid spillage. PU GLOSS LV/5191 meets the VOC content limit of Annex II, Phase II, Table A of European Directive 2004/42/EC:2004

## Major Uses:

Highly recommended for household furniture such as beds, cabinets, chairs, sofas, doors and frames turned pieces and likes.

## Characteristics and Physical Properties:

Appearance	Transparent
Specific Gravity	0.950 g/L
Viscosity @ 25°C	25" FC # 4
Flash point	20°C
Solid content (wt.)	48
Application condition:	
Air temperature	5 ~ 35°C
Relative humidity	85% max.
Application method	Auto or conventional spray
Catalyst	Catalyst LV/03
Thinner	PU Thinner # 105/205
Mixing/Dilution Ratio ( 13-15" FC # 4)	Base:Hardener:Thinner 100    50    25-30
Pot life	3 ~ 4 hrs.
Drying time:	
Dust free	15-20'
Touch dry	30-45'
Hard dry	1-2 hrs
Recoat	24-36 hrs
Coverage	7-8 m <sup>2</sup> /L (120 gms/m <sup>2</sup> )
Pencil hardness	HB-H
VOC	203 g/L (EPA Method 24)
Basecoat	PU Sealer LV/5001

## Method of Application:

- The surface to be topcoated should be primed with either polyurethane primer or polyester primer.
- It should be cleaned, well – sanded and free from dust, oil, water and other contaminants.
- To a well – prepared surface, apply 1 – 2 coats of P.U. GLOSS LV/5191, horizontally and vertically.
- If additional coat is required to obtain a good finish, light sanding is necessary with 600-800 grit sandpaper prior to final coating.

## Packing:

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

## Storage:

Shelf life 12 months minimum if stored below 25°C.

## Cleaning of Tools:

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

## Physiological Hazards:

PU GLOSS LV/5191 and Catalyst LV/03 do not contain dangerous solvents, nevertheless, good ventilation in working rooms is recommended as well as the use of safety tools and equipment. PU GLOSS LV/5191 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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