



PU SEMIGLOSS LV/5291

General Description:

PU SEMIGLOSS LV/5291 is a transparent polyurethane varnish based on poly – functional saturated polyester resins, to provide smooth finish with good covering properties and excellent hardness. PU SEMIGLOSS LV/5291 meets the VOC content limit of Annex II, Phase II, Table A of European Directive 2004/42/EC:2004

Major Uses:

PU SEMIGLOSS LV/5291 is excellent for wood furniture such as beds, cabinets, chairs, sofas, doors and frames.

Characteristics and Physical Properties:

Appearance	Transparent
Specific Gravity	0.950 g/L
Viscosity @ 25°C	40-50" FC # 4
Flash point	20°C
Solid content (wt.)	45
Application condition: Air temperature Relative humidity	5 ~ 35°C 85% max.
Application method	Auto or conventional spray
Catalyst	Catalyst LV/34
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 Touch dry Hard dry Recoat	15-20' 30-45' 1-2 hrs 24-36 hrs
Coverage	7-8 m ² /L (120 gms/m ²)
Pencil hardness	HB-H
VOC	195 g/L
Basecoat	PU Sealer LV/5001

Surface Preparation:

- The surface to be top coated should be primed with either polyurethane 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. SEMIGLOSS LV/5291 horizontally and vertically.
- To obtain a perfect finish coat, sand it again with a very fine sand paper and repeat the top coating process.
- One coat may be sufficient for ordinary finish however; one additional coat can be applied wet on wet if necessary. Light sanding with 400 ~ 600 mesh sand paper is recommended before subsequent coat when recoating time exceeds 3 hrs. and remove traces of wax

Storage:

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

Cleaning of Tools:

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

Packing:

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

Precautions:

P.U. SEMIGLOSS LV/5291 and Catalyst LV/34 do not contain dangerous solvents, nevertheless, good ventilation in working rooms is recommended as well as the use of safety tools and equipment. P.U. SEMIGLOSS LV/5291 is flammable and harmful if swallowed. If contact with eyes or skin occurs, wash well

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.

MAS PAINTS & CHEMICAL INDUSTRY

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with fresh water and seek immediate medical advise.

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