

General Description:

PU SEMIGLOSS SPC/50 is a premium polyurethane clear lacquer based on poly – functional saturated polyester resins and special additives, to provide smooth and semigloss finish with good covering properties, excellent hardness and better flexibility.

Major Uses:

PU SEMIGLOSS SPC/50 is excellent for wood furniture such as beds, table top, cabinets, chairs, sofas, doors and frames.

Characteristics and Physical Properties:

Appearance	Clear Liquid
Specific Gravity (20°C)	1.0 kg/li.
Viscosity(25°C,FC # 4)	60 sec.
Flash Point	20°C
Non – Volatile (Wt.%)	48+/- 0.5
Gloss (60°)	50-60
Application Condition Air Temperature Relative Humidity	5 ~ 35°C Max. 85%
Application Method	Auto or Conventional Spray
Recommended Catalyst	Catalyst # 054
Thinner	PU Thinner # 105/205
Mixing Ratio (wt%) (FC # 4 13 ~ 15 sec.)	Base : Hardener : Thinner 100 75 25 ~ 30
Pot Life (20°C)	3 ~ 4 hrs.
Drying Time Dust Free To Touch To Recoat Hard	15 – 20 min. 30 – 45 min. 1 - 2 hrs. 24 – 36 hrs.
Coverage	8 – 10 m ² / lit
Pencil Hardness	HB - H

Surface Preparation:

- The surface to be top coated should be primed with either PU Sanding Sealer , Primeseal 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 coat of PU SEMIGLOSS SPC/50, horizontally and vertically.
- One or two coat may be sufficient for ordinary finish; However, to obtain a good finish, additional coat can be applied wet on wet if necessary. Light sanding with 400-600 grit sandpaper is recommended before subsequent coat when recoating 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 USG , 20lit Pail, and 200lit Drum.

Precautions:

PU SEMIGLOSS SPC/50 and Catalyst # 054 do not contain dangerous solvents, nevertheless, good ventilation in working rooms is recommended as well as the use of safety tools and equipment. PU SEMIGLOSS SPC/50 is flammable and harmful if swallowed. If contact with eyes or skin occurs, wash well with fresh water and seek immediate medical advise.

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

P.O. BOX NO: 23085, SAJJAH INDUSTRIAL AREA, SHARJAH, U.A.E

TEL NO: 009716 5311777; FAX: 009716 5311330

Website : <http://www.mas-paints.com>

Email: masuae@emirates.net.ae

